

# From The Staff:

WTFDA Headquarters, P.O. Box 97, Calumet City, IL 60409

**F2 CONDITIONS DROP DRASTICALLY...**For reasons that haven't yet become clear, good transatlantic F2 VHF DX conditions didn't last through late winter, despite the kind of solar flux levels that would call for MUFs of 50 MHz and higher. There has been little or no transcontinental F2 skip above 50 MHz since the super November and December sessions. As you read this, the north-to-south paths will be of most interest to DXers.

**NEW FCC TV NEWS EDITOR NEEDED...**We're very sorry to announce that John Combs has decided to step down as the VUD's FCC TV NEWS editor. John was among the most capable of our editors, and his services will be sorely missed. John details his reason for resigning in this month's MAILBOX. We're now in need of someone to take over the FCC TV column as soon as possible. If you have access to current FCC and CRTC news, you could take this opportunity to help WTFDA out. If you're interested in doing this monthly column for the VUD, please contact Bill Thompson (address on back cover).

**ATTENTION VUD COLUMN EDITORS...**Please make sure that your columns are mailed to Buffalo, not Calumet City. Forwarding mail costs the club money, and causes a bothersome and unnecessary delay in getting your material into print. Editors are also reminded that VUD columns must reach your editor-in-chief by the 15th of the month. Some columns have arrived very late recently, and with other time-consuming problems to face (such as increasing printing time) we simply cannot hold the VUD for one or two late columns.

**SPEAKING OF LATENESS...**Thanks to those of you who have been able to bear with us again this year during the recent lateness of the VUD editions. Most of the problem has been with "last minute" retyping, additions, and deletions on the Buffalo end, and we promise you earlier VUD's in future.

**ON THE COVER...**Once again this month, we have DXer Paul Traska to thank for the VUD cover. The series pictured are from Paul's extensive collection.

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### New Members:

John Kosinski, Jr.	18 Case Road	Stamford, CT 06905
Frank Luman	1148 S. Steele St.	Denver, CO 80210
John Stoffel	Rysam St.	Sag Harbor, NY 11963

### Renewals:

Albert Bernard, James A. Brown, Jr., John Buehler, Randall Clark, Bob Cooper, Armand DiFilippo, Pat Dyer, Ray Fraser, Ed Houchins, Carlton Howington, Rod Luoma, Michael McNeely, Frank Merrill, Raymond Parker, Richard Schaak, Robert Steadman, Frank Wheeler, Morgan Williams, John Zeis.

### Rejoins:

✓ Sheldon Remington-102 Wredon-Fairfax, CA 94930  
✓ Gary Walsh-503 Van Norman St.-Thunder Bay, ON P7A 4E3

### Address Changes:

✓ Doug Everitt-Route 7, Box 252B-Enid, OK 73701  
✓ Guy Kroger-1402 Lord-Trenton, MO 64683  
✓ Andrew Mahoney-6206 Dagle Drive-Des Moines, IA 50311  
✓ Mark Strickert-960 Complex-#N703-1232 Dickinson Drive-Coral Gables, FL /33146

### Renewals Due in April:

Earl Albin, Robert Baker, Philip Boersma, Roger Bortree, Edward Cotton, John Czarnomski, Mike Dorner, Richard Eddie, Eric Fader, William Feidt, Jerry Franklin, Gray Fulk, Les Goins, Roger Gravelle, Michel Guzzi, Harry Hayes, Robert Heckenlively, James Berkimer, Hank Holbrook, Billy Holley, Jerry Hunt, William Johnson, Ron LeBlanc, Mark Lewis, Paul Mount, A. Robert Pantazes, Les Prus, N.G. Reid, Steve Rich, William Ronecker, Andrew Smith, Mahlon Stilwell, Lee Vulgamott, William Welch, Gary White, Roger Winsor.

New member JOHN KOSINSKI, JR., is a TV news executive interested in DXing the FM-TV and BC bands. Also a member of NRC, John's DX gear includes a Panasonic RF-1170, Panasonic RF-2200, and a Sony ICF-8700.

From the Rocky Mountain State comes new WTFDAer FRANK LUMAN, a pharmaceutical chemist. Frank's DX equipment includes a JVC b&w 825 line VHF & UHF receiver (40-72 MHz, 175-225 MHz, & UHF) and a Sherwood S7100A stereo unit. Antennas include a 5 element lower VHF yagi and an Antiference 15 element dipole. Additionally, Frank uses a Jaybeam FM9S antenna for FM and a Jaybeam MBM 44 (ch 38-50) for UHF. To round out his shack, Frank has assorted testing and maintenance gear. Our new Colorado member is a founding member of the Scottish VHF & SW DXers club and has many off-air photos of European stations.

Our final intro this month is for JOHN STOFFEL of the Empire State. John is interested in TV, FM, and PSB DXing, and has CB call letters KOA 2848. On his application form, John writes that his DXing gear is a bit limited, except for a PRO-2001 scanner, and says, "Presently interested in reading what this DXing is all about. Someday, time, equipment, conditions and money will allow active practice." I'm assuming that John joined us because of the articles in CB Magazine. Welcome aboard!

### Tidbits.....

This month we start off with some most interesting words from John Combs (2485 Ivan Court, Orlando, FL 32807): "After nearly eight years of chasing that elusive commodity known as TV-DX (and a little FM, too, in recent months), I'm afraid I must announce my "retirement," so-to-speak. "You're WHAT?", I hear you saying. Well, I must admit that it sounds a bit dramatic. No, I haven't gone mad, either--this is a decision that has been quite some time in coming--nothing "rash" or emotional precipitated it.

Many of you who have come to know me closely are aware of my involvement in Christian circles. I am an evangelical, charismatic Christian ("charismatic" in the sense of believing in the modern-day existence of spiritual gifts or charismata in the Greek; see I Cor. 12 if you wish), and my relationship to Christ is the motivating force in my life. I have reached a point in my life where certain things have had to go in order to free me to pay more attention to my spiritual life. One of those things is my DXing hobby.



March 1980

(Combs, cont.) Now, don't get me wrong--I'm not about to say that DXing is "sinful"--such an accusation would be nothing short of absurd. God "richly supplies us with all things to enjoy" (I Timothy 6:17). There is nothing inherently wrong with the hobby at all. The problem is that it creates a certain problem for myself, personally. St. Paul wrote that "all things are lawful for me, but I will not be mastered by anything" (I Cor. 6:12).

I had to face the fact that DXing was one of the things "mastering" me--it had become too much of an obsession. (One can even be "obsessed" with something spiritually "good"; e.g., the Christian believer who is "obsessed" with evangelism or prayer or divine healing, to the virtual exclusion of the other facets of the Christian life.) When something gets to the point where "I HAVE to do it," then I've got problems. As much as I tried (sporadically succeeding), I generally could not "ignore" an opening if there were more important things pressing. If there was no opening, then I spent much time revising station logs or pouring over VUDs.

A second reason for my decision has to do with pride. It's very humiliating to admit it, but I must. As much as I tried to pretend it wasn't true, I got a big ego charge out of the WTFDA; I enjoyed seeing my name in print, seeing my DX photos published, receiving acclaim for my column. As often as I told others that "good DX is being in the right place at the right time with the right equipment--it doesn't take a lot of skill," I still was rather "puffed up" when I would see some particularly outstanding loggings in print. I confess not only to harboring that attitude myself, but hypocritically pointing it out in others! Please forgive me for that, if you can.

So, if I am to grow in my spiritual life, certain changes must be made. Therefore, my antennas are disconnected, though not dismounted yet (too busy). Much of my DX gear (traps, amps, etc.) is in a box in my closet, and may be sold and/or "donated" at some future date. I will still hang on to my photos and tapes for the time being, but they might go, too, someday.

Rest assured, I don't condemn anyone else for engaging in this hobby!! Please don't misunderstand me there. And don't feel that you can't discuss DX with me by letter or phone, much as one doesn't offer a drink to an alcoholic! I will still help to solve UNIDs, if I can. I will still develop and print timely DX photos. I will still send TV Guides to anyone that wants them. I still want to serve you in those kinds of capacities, though I will be dropping the FCC-TV News.

My involvement with the WTFDA has left me with some cherished friendships--from my first meeting with "looney" Ken Simon, to Jim Alexander's "DX theories," to erecting my current antennas with the help of Steve West, to several marathon phone sessions with Bill Thompson--if I went on, I would leave someone out! I hope and pray that my decision will not affect those friendships. I still have out the welcome mat for any wayfaring DXers who pass through central Florida, though I can no longer offer DX at this QTH! I still want to hear from my regular correspondents because I care about you all. And, as those who have visited me know, I don't "force" my beliefs on anyone, though I am always most happy to discuss them with anyone who is interested, by phone, tape, letter or otherwise.

A long and prosperous hobby, culminating with the incredibly improbable tropo logging of WRIK-7 Ponce PR at 1191 miles, of which Jim Alexander was a witness! I thank God for it all (and almost suspect He allowed the PR Tr to go out with a "bang"), but I must move on to better things.

Thank you for your understanding. I do appreciate all of you very much! Well, there you have it. I commend John for his stand and for following what he believes is the Lord's will for his life. I must admit to wrestling with some of the same issues he brings up, but my leading is in a different direction. I can only hope that John will someday rejoin the ranks of active DXers.

Following up on John Combs' big tropo opening, we have these words of wisdom from Ken Simon (513 6th Ave. S., Lake Worth, FL 33460): "This should be titled 'Ducks I Have Missed By Inches...Part VII.'" but it isn't. December 27, 1979, in the evening, I received a phone call from John Combs. Not too surprising, as Jim Alexander was visiting him in Orlando and due here. But what he saw over a few hours knocked my socks off...

March 1980

Tropo opened up to Cuba. Nice, and then John topped it with WRIK 7 in Puerto Rico at over 1,000 miles. Jim saw it, too.

Today I got a letter from Richard Clark, alive and well in the Dominican Republic, with his loggings for the December 25-27 period. Richard's loggings are for: WXL-10, WOLF-35, WEVU-26, WMFE-24, WJCL-22, WCLF-22, WCJB-20, WJCS-17, WUSF-16, WJWJ-16, WLOX-13, WMAZ-13, WTVT-13, WLTU-12 (tent.), WTOC-11, WINK-11, WTSP-10, WPLG-10, WALB-10, WFTV-9, WFLA-8, WJCT-7, WDBO-6, WCIX-6, WCSC-5, WJXT-4, WWAY-3, WEDU-3, WSAV-3, WCBF-2 and tent. WESH-2!!!!!!

Note the spread to SC, GA and N & Central FL. There were very few Miami's and one of them Richard told me is a regular (WPLG).

Me? All I got that night was Orlando U's like locals. I will try and check weather maps for this period and see if the DUCT shows." Wow!

Good to have Sheldon Remington back in the club! Sheldon was with us when he lived in Connecticut in 1974, and writes, "Now a new QTH has set me to FM DXing again. Also am now active on 6 meters as WB6WML."

To wrap it up for this month, we'll take another chunk out of our report from A.H. Wiese (Erminoldstr. 175/2, D-8000 Munich 83, West Germany):

"Well, here in Munich I can receive the following stations regularly--

VHF E10 (or A13) Wendelstein	1st program (ARD, Bavaria)
UHF E35 (or A25) Munich-TV-tower	2nd program (ZDF)
UHF E56 (or A61) Munich-TV-tower	3rd program (Bayern 3)
VHF E8 (or A10) Salzburg (Austria)	1st Austrian program (FS1)
UHF E32 (or A29) Salzburg (Austria)	2nd Austrian program (FS2)
UHF E27 (or A22) McCraw-caserne	AFN-TV

and seven more stations, transmitting one of the above programs.

Since I'm a DXer, I've mounted some more antennas (till now I have no TV rotor) to get more programs. On a non-regular basis I can receive the following--

VHF E7 Santis (Switzerland)	German program (SRG)
UHF E31 Santis (Switzerland)	French program (SSR)
UHF E34 Santis (Switzerland)	Italian program (TSI)
UHF E43 Grunten	1st program (ARD, Southwest)
VHF E2 Grunten	1st program (ARD, Bavaria)
UHF E52 Heubach	3rd program (Sudwest 3)

At TV DX, my only long distance catch till now was RTVE of Spain on E2 and the Chesz's on UHF E38 and, at my vacations down in Spain, Rhodesian TV on E2 (I told you I'm no great TV DXer).

Now to FM: The FM situation here in West Germany isn't very great for a DXer. First, somebody told the networks to install a transmitter in every little town, and second, every regional broadcasting center is only transmitting three different programs. So regularly I can receive over 60 different stations with my set, but that sums up to only 14 different programs! Tell me, how can you write a reception report if nearly every station is transmitting the same program?

Well, here in Munich it's the Bavarian network serving me with three programs, and a fourth one for the so-called "guest workers," transmitting in the evenings in different native languages.

The first program is an everything-for-everybody program (carried simultaneously on AM), the second is a cultural and classical music program, and the third one I think you would call a middle-of-the-road station, sometimes also carrying rock, soul and pop music. This scheme is valid, give it or take it, for every regional network in West Germany (and Austria, too). They are, though, airing a local program on the second channel every work day, but only for an hour at midday.

The 14 programs I mentioned before I can hear regularly are three in each case from the Bavarian (Munich), the South German (Stuttgart), and the Austrian networks, and 2 from the Swiss (German program) and 3 different AFN-programs (AFN-Munich, AFN-Stuttgart AM program on FM, and AFN-Stuttgart easy listening). Some short-timed local programs are added to this.

DXing, I received the following networks (I've got QSL cards for them): Sudwestfunk, Hessischer Rundfunk and SRK (East German network). No QSL till now from Saarlandischer Rundfunk, Radio Luxemburg and France International. Because of the very great number of German (and Austrian) stations it's very hard for foreign stations to come through in an opening, but I'm looking out for them." We'll continue this report in the April VUD-jz.

I must say, I've sure gotten an education this past year with all of the fine reports from our European members. Keep those cards and letters coming in, folks (and that goes for those of you stateside, too)! See you in April.....73.....jz

# FM NEWS

Bruce F. Elving, Ph.D., Editor  
4515 Avenue E  
Kearney NE 68847

## New FM Stations Granted

IL Nexburg 96.3 3000 h.v.; 87; m  
LA Columbia 103.1 2800 h.v.; 290; gospel  
MN Rochester 94.5 7000; 320; g. Faith Sound  
MN St. Charles K224J 8; g. (WWIB 103.7  
LadySmith WI translator), U, 10 w ON AIR  
MS Goodman 98.5 2000; 270; Holmes Jr.  
College  
TX Pasadena 98.3 118; 87; Schools  
VT Bellows Falls 107.1 050 h.v.; 570  
VA Sweet Briar 91.5 18 w. S. B. College  
WA White Wale 95.7 10000 h.v.; 1400; m  
AT Red Deer CKUA-FM 6 101.3 & 10000 h.v.  
ON Red Lake 98.5 170 w CKDR (AM) Dryden  
relyer

## Facilities Changes

AR Blytheville KHLN from 96.1 to 96.3  
CO Sterling KSTC-FM to move from 96.7 to  
104.7; new power, h.t. not announced  
IL Urbana WPGU 107.1 3000 h.v. (235)  
IA Cedar Rapids KHAK-FM 98.1 10000 h.v.;  
480; on air with these facilities  
IA Iowa City KRMA 93.9 (from 93.5) 10000  
h.v.; 270; on air with these facilities  
NJ Princeton Junction WMPH from 90.3 to  
107.9 17 warts h.v.; 36 feet  
NY New York WPLJ 95.5 6000 h.v. (1300)  
OH Bellevue WNRN 92.1 1300 h.v.; 160  
PA Mechanicsburg WQVE 93.5 530 h.v.; 740  
TX Dallas KCBH 88.3 9700 h.v.; 650  
PQ Quebec CMBF 93.3 4000 h.v.

= **Format/Networks**  
AL Mobile WKRG-FM 99.9 r (from disco), G-100  
CA Cupertino KKKP 91.5 k  
CA Hollister KHP 93.5 k  
CA Pacific Grove KOCN 104.9 m (disco to dawn  
program on 6 nights a week)  
CA San Francisco KUSF 90.3 r; adds six hours  
of afternoon KUSF

CA San Mateo KCSM 91.1 cm  
CA Turlock K80B 90.9 m (ethnic Sat. a.m.)  
CA Yuba City KXEZ 103.9 m, monophonic,  
ethnic for 1-2 hours each morning  
CO Lakewood KPPL (K-People) 107.5 m 1 music  
CO Fort Morgan KBRU 101.7 rock  
IL Decatur WSOY-FM 102.9 rock, now Y-103  
IN Auburn WDBX 105.5 mg, still has preaching  
programs

IN Gaston WDHS 91.1 rd, back on 2-1-80 after  
almost a year's absence from the air; now  
giving full legal id's on the hour and at  
sign on and sign-off, which never happened  
during the previous school year

IA Des Moines KGGD 94.9 ABC-FM  
IA Estherville KILR-FM 95.9 ABC-Information  
IA Harlan KNOB 105.5 AP Audio  
IA Spencer KICD-FM 107.7 k, no U  
IA Waverly WAFY-FM 99.3 (from U)

MA Boston WBUR 90.9 c  
MA Brookline-Boston WBOS 92.9 m (was disco)  
MA Lynn WLYN-FM 101.7 rock  
MI Fremont WSHM-FM 100.1 S (from U)  
MN Rochester KRCC-FM 106.9 T (from N)  
MN St. Louis Park KFMX 104.1 big bands (x-rd)  
MN St. Paul KSTP-FM 94.5 rock  
MS Grenada WQXB 100.1 r (from mk)  
NE Scottsbluff KNOR 92.9 rock, no SCA  
OH Salem WSOH-FM 105.1 country  
PA Middletown WMSS 91.1 rock and disco  
TN Germantown WLVS 94.3 k (from rock)  
TN Memphis KWAM-FM 101.1 gospel  
TX Denton KDNT-FM 106.1 k (from mk)  
TX Fort Worth KPLX 99.5 k (from mk)  
UT Centerville KCGL 105.5 m. Stereo?  
WI Milwaukee WNUW 99.1 rd

**Non-IDe, Stations Used**  
CT Hamden KCTC 101.3 KC-101  
FL Pensacola WJLO 100.7 J-100

IL Galesburg WGBQ 92.7 Q-93. Stereo?  
IL Taylorville WEEB 92.7 3-E (not W-3-E)  
KS Wichita KICT 95.1 T-95, rock  
MA Boston WJIB 96.9 FM-87  
OH Hamilton WSKS 96.5 Kie-96

## Stereo

CA Ceres KBES 98.5, e (near-eastern)  
CA Healdsburg KREO 92.9, r  
CA Stockton KFMR 100.1, rock  
CO Burlington KNAB-FM 104.1 heard testing  
in stereo; not yet on the air  
IL Chilescoth WCLL 94.3, r, some k; Y  
IL La Roy WMLA 92.7, NBC  
IA Oskaloosa KBOE-FM 104.9, "Stereo 105,"  
still simulcasting AM

KS Liberal KSLN 99.3  
KS Russell KRSI-FM 95.9 m, "The Entertainers"  
MS Mississippi State WMSB 99.1, on AM AIR  
MO Columbia KCMO 96.7, r  
NE Chadron KOSK 97.5 Q-98, r, A, no SCA  
NE Hastings KEZH 93.5 m (from i); EZ-93, no Y  
OH Mount Vernon WMYO-FM 93.7; rock  
SD Mitchell KDRN 107.3 Q-107  
VA Pound WWLH 102.3, ON AIR, g, 24 hours  
Man. Winnipeg CKWG 103.1, heard testing  
in stereo, with start date announced as Feb.  
14, 1980

NO STEREO: KSTN-FM 107.3 Stockton CA,  
mainly L, some r, probably some k. Main  
channel is undermodulated to favor ancient  
SCA generator

67 kHz (1) SCA Nonactivity  
GA Atlanta WLTA 98.7 no SCA (was 1X)  
CA Fresno KFRY 101.9 no SCA in use, but  
holding authorization for possible future use  
Fresno KKKJ 105.9 for transmitter use only  
Tulare KJUG 106.7

[Delete SCA listings for above three]  
IL Peoria WSWT 106.9 drops SCA

**Call Letters Assignments**  
CA Bakersfield 94.1 KLYD (from KLYD-FM)  
CA Hoopa 91.3 KIDE  
CA Marietta 102.5 WGRH  
IL Chicago 98.1 WSSD (WAEI)  
IL Council Bluffs 98.7 KIWR  
KY Bowling Green 88.9 WKYU-FM  
KY St. Matthews 103.1 WRKA (WNUU)  
MA Lynn WLYN-FM 101.7 (from WLYN)  
MI Brewster 97.7 WGED-FM  
MN Crookston 97.1 KDZW  
MO St. Louis 107.7 KMJM (KSSS)  
NE Gordon 95.5 KSDZ ON AIR, m, no stereo  
NJ Trenton 99.1 WWFM  
NM Grants 95.3 KYKN [network  
OH Alliance 92.5 WDJQ (WFAH-FM); r; no U  
OK Pottaw 97.9 KLUP (KLCO-FM)  
TN Crossville 95.3 WKVL (WAEW-FM)  
TX Alamo 104.9 KJAV  
TX Lufkin 105.1 KYKS (KLUF-FM)  
VA Roanoke 92.3 WKLK (WLRG)  
NF Rating Brook 95.9 CHOS (not CHQQ)

DELETION—well, not really. Station last month  
was incorrectly listed as a grant, but instead  
it had its application dismissed by the FCC:  
IL Princeton 98.3

## Readers' Reports and Comments

The FCC soon plans to implement rules to  
allow aural subcarriers on TV, as is now be-  
ing done on WCVB (TV) Boston. NE's gov-  
ernor, in opposing a bill for a public radio  
network for the state, is quoted in the news  
as saying "We have a wide diversity of radio  
in Nebraska. We need public radio like we  
need a hole in the head." But it was revealed  
he was a paid lobbyist for the Nebraska

Broadcasters Association (commercial) before  
becoming governor, and as such should dis-  
qualify himself from vetoing such a bill, if  
it should pass the Unicameral legislature.  
KUCV 90.9 Lincoln now on DX ready  
with 18000 h.v.; 180; 18 hours per day,  
on 10 watts on 90.3.

KBEM 88.5 Minneapolis invades the Sunday  
airwaves, as it adds to its hours, said to be  
doing so to hold the frequency for its exclusive  
use by being on the air 12 hours per day, 7  
days a week. It's hoping for a Corporation  
for Public Broadcasting grant to be on 18  
hours a day.

A CA reporter says KSFH 90.5 Mountain  
View CA has been heard recently in Castro  
Valley (20 miles away), but it may be  
directional—this is a response to a report in  
this column that KSFH had not been heard  
on the air in years. Hours are irregular.

KAER 92.5 Sacramento reduced to 60  
kw with a poor signal at about 0 feet, while  
building a new tower. CJAZ 92.1 Vancouver  
BC believed testing, as heard on skip.  
The Blue Lake Fine Arts Camp, Twin Lake  
MI hopes to apply for a 100 kw fine arts  
station, to be patterned after WIAA 88.3  
Interlochen MI. Gary Deeb of the Chicago  
Trib quoted as saying WDAI 94.7 may drop  
disco and go to a soft rock format. WCNE

"88.7 Batavia OH, formerly owned by a high  
school, now community owned, and on 12  
noon to 12 midnight weekdays and 24 hours  
weekends. WMUS-AM-FM Muskegon caught  
simulcasting 100%, and FCC told them to  
quit; now they have identical modern country  
formats on AM and FM, with the manager  
quoted as saying "We are following the letter,  
but not the spirit, of the law." WBFG 98.7 in  
Detroit sold by Trinity Bstg. Co. to KDWB/  
Doubleday Bstg. Co. of Minneapolis for  
\$8.25 million, subject to FCC approval. This  
is the highest price ever paid for an FM station.

WBFG would probably go from g to r.  
WXDR 91.3 Newark DE is a mixture of rock,  
folk, classical and jazz; supposedly has  
approval to go to 1000 watts, but nothing  
official seen on this, and the night d-j knew  
nothing of this.

Classical Radio of Santa Barbara is organizing  
to form a satellite station to rebroadcast  
KUSC Los Angeles, plus do some of its own  
programming; their literature makes erudite  
distinctions among translators, cable stations,  
and satellite stations. A letter to the editor of  
the local paper by one Roger A. Clarke, how-  
ever, throws cold water on the classical gas  
people, reminding them that the community  
failed to support commercial KRCW 97.5,  
which became KTMS-FM with rock. And  
classical radio is doing well in Australia,  
with ABC-FM stations listed as Sydney 92.9,  
Melbourne 105.7, Adelaide 92.1, Canberra  
101.9 MHz, Buffalo NY's WBFO 88.7 on  
with 21.5 kw h.v. directional.

Contributors last month: P. Soerens, Spring Lake MI;  
T. V. Cornell, Greentown IN; R. L. Foxworth New  
York NY; M. Dornier, Jr., Metairie LA; R. Hackenlively,  
Yankton SD; D. Leibold, Blyth ON; G. J. Milson,  
Lynn MA; G. Monti, Silver Spring MD; R. J. O'Connor,  
St. Portland ME; P. E. Petosky, Trout Lake MI; M. Por-  
ter, Contoocook NH; R. Povich, Annapolis MD; A. P.  
Smith, Hillsburg PA; R. Strobel, Muncie IN; L. R. Sche-  
line, Kingsburg CA; A. Thompson, Newark NJ; D. L.  
Vernier, Cedar Falls IA; P. Weeks, Toronto ON; L.  
Weil, Acton MA; D. Whillock, Fayetteville AR. THIS  
MONTH'S CONTRIBUTORS: R. G. Anderson, Miss.  
State MS; B. Borman, J. Clemmer, Peoria IL; J. Ebe-  
ling, Bloomington MN; A. H. Ellis, Brantford ON; C.  
George, Dallas TX; N. Lombardi, Atlanta GA; S. T.  
Hancock, N. Canton OH; J. Hermann, Storm Lake IA;  
M. J. Jefferson, Pleasanton CA; P. Kinnally, Jr., Dedham  
MA; F. McCormack, Fargo ND; Petosky, Scheline;  
Smith; Strobel; D. Voegle, Sumterland CA; Weil.

# FM STATISTICS

Fred Nordquist  
7945 Boxford Road  
Clay, NY 13041  
Deadline: April 10th

March 1979

## FM SCOREBOARD

DXer, Location	Rank	Total	88-92	Es	MS	AU	USA	CN	MX	FO	TPU	YB	As of:
Bruce Elving, Duluth MN	1	1449	124	680	8	44+	3	1	0	49	48		11/6/79
Pat Dyer, San Antonio TX	2	1307	150	1070	19	0	41+	2	6	3	53	70	11/1/79
John Ebeling, Bloomington MN	3	1208	172	635	23	77	46+	4	3	0	54	52	11/1/79
Peter Sawatzky, Guelph ON	4	1062	153	484	112	5	38+	7	0	1	47	71	1/14/80
Fred Nordquist, Clay NY	5	1052	144	464	21	39	39+	4	0	2	46	69	2/16/80
Mike Bugaj, Enfield CT	6	948	116	476	6	16	37+	4	0	1	43	74	8/6/79
Fred McCormack, Des Lacs ND	7	949	121	715	21	70	44+	6	3	0	54	65	1/8/80
Danny Buntin, Stillwater OK	8	922	109	567	0	0	44+	4	8	0	57	74	11/4/79
Joseph Fela, S. Plainfield NJ	9	882	173	403	2	9	37+	5	0	3	46	68	11/10/79
Ralph Strobel, Muncie IN	10	813	189	53	7	0	30+	3	0	0	34	72	1/4/80
Roger Winsor, Hobart IN	11	774	-	-	-	-	-	-	-	-	-	-	6/7/9
Hank Holbrook, Chevy Chase MD	12	727*	169	187	12	-	35+	4	0	3	43	59	12/22/79
Richard Steinberger, Hudson MA	13	532	103	233	9	6	33+	2	0	0	36	-	7/7/79
Doug Everett, Enid OK	14	512	80	299	16	0	32+	4	6	0	43	74	3/17/79
Joseph Smith, Johnson City NY	15	472	61	71	0	0	24+	1	0	1	27	71	3/27/79
Fred McCormack, Fargo ND	16	446	51	252	2	39	42+	3	0	0	46	74	1/5/80
Dave Brumfield, Muncie IN	17	443	91	8	1	0	21	1	0	0	22	78	1/4/80
Vernon Eaton, Benton AR	18	435	79	17	1	5	-	-	-	-	-	-	1/20/80
John M. Jefferson, Concord CA	19	434	85	193	56	0	20	2	2	0	24	57	9/13/79
Tim McVey, Bolivar TN	20	323	35	53	2	0	29	1	2	0	32	77	8/8/79
John Ebeling, Prosser MN	21	294	34	89	1	0	32+	4	0	0	37	75	11/1/79
Eric Fader, Bayside NY	22	257	53	15	0	0	16+	1	0	0	18	74	8/24/79
Paul Traske, Buffalo, NY	23	257	109	63	2	0	30+	3	0	1	35	76	11/4/79
Michael Hogan, Highland IN	24	250	53	19	0	0	18	1	0	0	19	76	10/1/79
Frank Wheeler, Erie, PA	24	138	16	0	0	5	1	0	0	0	6	64	1/8/80
Dave Hascall, Fortville IN	25	137	22	5	1	0	9	0	0	0	9	76	1/1/80
Paul Mount, Nelsonville, OH	26	94	3	3	0	0	5	1	0	0	6	78	5/6/79

\* Verified.

Note: Records not updated by 1979 have been deleted from the scoreboard. For those of you  
who are new (or old?) to the club, and wish to enter your standings to the above, here is a  
rundown on the column definitions: TOTAL means the total number of FM stations logged.  
(Frequency changes count as a new station, call letter changes DO NOT count.) 88-92 is all  
stations logged from 88.0 to 91.99 MHz. Es means the total number of stations logged via  
E-skip. MS is the total by meteor scatter. AU is the total via aurora. USA means the total  
number of states and the + means Washington DC. CN is the number of Canadian provinces  
logged; MX is the number of Mexican estados (or states) logged; FO means the number of for-  
eign countries logged, but not Canada or Mexico. TPU or "total political units", is the sum  
of USA CN MX & FO. YB is the year you began FM DXing.

## STATES STATS

State	#-DXer	#-DXer	State	#-DXer	#-DXer	State	#-DXer	#-DXer	State	#-DXer	#-DXer	Prov.	#-DXer
AL	31-fm	30-je	IN	136-rs	112-deb	NE	22-je	20-jj	SC	26-je	21-db	AT	2-je
AK	None		IA	85-je	30-fm	NV	12-fm	7-jj	SD	20-fm	16-je	BC	None
AZ	22-fm	20-db+	KS	48-db	29-fm	NH	16-rjs	6-mb	TN	37-ve	28-fm+	MB	3-je 1-ps+
AR	59-ve	29-db	KY	55-rs	33-deb	NJ	52-jf	36-af	TX	200-rs	129-fm	NB	None
CA	189-jj	74-fm	LA	48-rs	36-ve	NM	26-fm	25-je	UT	17-rs	12-db	NF	3-jf
CO	34-jj	19-je	ME	25-rjs	9-je	NY	145-fm	129-js	VT	8-mb	8-rjs	NS	3-jf 1-ps+
CT	38-mb	32-jf	MD	33-jf	20-sw	NC	53-je	39-db	VA	36-je	32-jf	ON	48-fm
DE	11-sw	9-jf	MA	73-rjs	58-mb	ND	17-fm	7-jf+	WA	15-jj	7-fm	PA	34-ps
FL	72-fm	71-ps	MI	91-rs	80-ps	OH	153-rs	110-deb	WY	22-rs	12-fm	PEI	1-jf
GA	42-je	41-db	MN	106-je	62-fm	OK	61-db	32-fm	WI	107-je	46-rs	PQ	15-fm
HA	None		MS	33-fm	27-ve	OR	16-fm	8-jj	WY	7-jj	2-ps		11-rjs
ID	17-db	13-rs	MO	64-db	39-ve	PA	89-fm	88-jf				SA	2-db
IL	134-rw	114-be	MT	9-db	6-je+	RI	8-rjs	7-jf+	DC	13-js	13-sw		1-rs

+ means 2nd place tied with others. The above stats must represent the total number of  
states/provinces logged from a single specified DXer's location. 1st & 2nd place DXers are  
listed. The key to DXers initials, and their DX locations are listed below. If your records  
exceed these stats -- please send them in for the next update. -- Fred.

deb-Dave Brumfield, IN	je-John Ebeling, MN	fn-Fred Nordquist, NY	rls-Rick L. Samford, IN
db-Danny Buntin, OK	ef-Eric Fader, NY	js-Joseph Smith, NY	ty-Ty
mb-Mike Bugaj, CT	jj-Joseph Fela, NJ	ps-Peter Sawatzky, ON	rw-Roger Winsor, IN
ve-Vernon Eaton, AR	jf-John Jefferson, CA	rs-Ralph Strobel, IN	sw-Steve West, PA
be-Bruce Elving, MN	fm-Fred McCormack, ND	rjs-Richard Steinberger, MA	

# SOUTHERN FM DX

Danny Buntin, editor  
1312 N. Skyline  
Stillwater, OK 74074

DEADLINE: the 10th

SOUTHERN FM DX

-Dyer, cont.-

MARCH, 1980

## GREAT OFF-SEASON CATCHES, BOTH ES AND TR, MAKE JANUARY LOOK LIKE SUMMER AT TIMES

The bulk of this month's reports come primarily from Oklahoma, Texas and Arkansas where an upsurge of tr and Es activity took place during January, evidently reflecting the peak of a decent off-season in those areas. Reports this month as well as last show that the 6th was the main day for January Es. Interestingly, this winter's skip has taken all domestic paths, avoiding the traditional Mexican origins.

During the Jan. 18-19 period it was time for tropes to act up in AR and OK. Distances in the 250-575 mile range were the rule. All in all, a few DXers have gotten the decade off right.

Pat Dyer, 5315 Silvertip Dr., San Antonio, TX 78228 - Jan. 4 to Feb. 5 CST

Equip.: Realistic TM-1001 into Allied 426; 6-el Archer FM antenna at 20 ft. with rotor.

New underlined, t-tentative

1/4 (all Es)

1910 WFNt 89.3 WI Greenbay, drama 1190  
WERnt 88.7 WI Madison 1065  
1011-25 unIDs, mostly 88-92  
1929 WDUZ 98.5 WI Green Bay, ID 1190  
WDOR 93.9 WI Sturgeon Bay, ID 1225  
1930 WLVE 94.9 WI Parabo, wx, ID 1085  
1932 WLAV 96.9 MI Grand Rapids, ad 1175  
1934 WFTM 98.7 IL Chicago, c, ad 1045  
1935 WART 107.9 IL Aurora 1020  
WYent 106.7 IL Des Plaines 1050  
WFMt 105.9 IL Elmhurst Park 1050  
1936 WQJt 105.1 IL Evanston, Spanish 1060  
WFMrt 96.5 WI Milwaukee, c 1100  
1939 WJZ 95.1 WI Kenosha, ad 1080  
WIALt 94.1 WI Eau Claire, m 1125  
1944 WJCKt 97.7 IN Rensselaer, bb 1015  
1947 WVPE 88.1 IN Elkhart, local item  
1951 WAUN 92.7 WI Kewaunee, ad 1195  
2012 WKQ 98.1 MI Saginaw, NBC, ID, k 1250  
2016 WFMK 99.1 MI E. Lansing, wx 1195  
2018nWVIC 94.9 MI E. Lansing, ID  
2021 WUGnt 99.7 MI Midland, g 1255  
WGMt 107.9 MI Flint, m 1240  
WQLRt 106.5 MI Kalamazoo, m 1140  
2023 WYBR 104.9 IL Belvidere, ID 1035  
2034 WZUW 95.7 WI Milwaukee, ID 1100  
2042 WLRQ 95.3 MI Whitehall, r, ad 1170  
2047 WTTN 94.1 WI Watertown, bkb 1090  
2049 WIFC 95.5 WI Wausau, ad 1175  
2106 KHAK 98.1 IA Cedar Rapids, wx, ID  
2110 apx f/out  
(One of the more frustrating aspects of this opening was the multitude of basketball games that were being carried; seldom was there time to wait until a score was given, so the teams playing could be figured out and a guess made as to the station.)  
2237 KBYut 88.9 UT Provo, opera 1045  
KUERT 90.1 UT Salt Lake City, m 1080  
KALLt 94.1 UT Salt Lake City, m  
KWHt 93.3 UT Salt Lake City  
2245 KCPX 98.7 UT Salt Lake City, ID  
2255 f/out

1/5

0000 WMCut 89.7 FL Miami, g, (brief) 1150  
1355 unID 89.7 (briefly)  
1406 WCAL 89.3 MN Northfield, psa 1080  
1410 WIMI 99.7 MI Ironwood, ID 1255

1/5

1412 KTLB 105.5 IA Twin Lakes, ad 920  
1414 KTCrt 97.7 MN Minneapolis, m 1110  
1415 WAKX 98.9 MN Duluth, ad 1250  
WGGrt 105.1 MN Duluth  
1419 KTIS 98.5 MN Minneapolis, ID 1110  
1420 KROC 106.9 MN Rochester, ad 1060  
1421 KEEZ 99.1 MN Mankato, wx, ID 1045  
1422 WJYJ 106.7 MN Brainerd, ad 1180  
1430 WWOJ 98.1 MN St. Cloud, wx 1140  
1443 KAUS 99.9 MN Austin, wx, k 1035  
1446 WIMB 98.9 WI Tomah, Winx 1100  
1449 KTWN 107.9 MN Anoka, "k-Twin" ID 1125  
1450 KCHet 102.3 IA Cherokee, IA farm nx 935  
1454 KSTP 94.5 MN St. Paul, wx, "KS-95" ID  
1505 WIAAt 88.3 MI Interlochen 1250  
1630 WNMut 90.1 MI Marquette, c (brief) 1320  
2325 KBYut 88.9 UT Provo, c (brief) 1045

1/6

1050-55 unIDs 88-90  
1115-1130 unIDs, mostly 88-92  
1118 WLFmt 91.1 WI Appleton, WI sports nx 1165  
1119 WIALt 94.1 WI Eau Claire, m 1125  
1135 WZUW 95.7 WI Milwaukee, r, ID 1100  
WFMrt 96.5 WI Milwaukee, c 1100  
1140 WJML 98.9 MI Petoskey, ID 1320  
1155 f/out  
1350 unIDs 88-92  
1355 WRVQ 94.5 VA Richmond, "Q-94" ID, ad 1325  
1359 WKEZ 95.7 VA Norfolk, ad 1375  
1403 WDAV 89.9 NC Davidson, psa 1110  
1404 WQXI 94.1 GA Smyrna, ad 875  
1406 WQDR 94.7 NC Raleigh, ID 1230  
1429 WENC 99.1 NC Whiteville, NC wx 1200  
WPJC 99.9 NC Burgaw, local wx 1250

1435-50 lull

1458 WCHY 94.1 GA Savannah, k, ID 1050  
1500 WJCL 96.5 GA Savannah, ad 1050  
1510 WTOQ 97.7 GA Vidalia, ID, ads 975  
1512 WZZt 93.5 SC Summerville, r 1110  
1513 WBEU 98.7 SC Beaufort, ads, ID 1075  
1522 WMAZ 99.1 GA Macon, ad 905  
1527 WBIE 101.5 GA Marietta, k, ID 875  
WGBE 97.7 SC Georgetown, town ID 1165  
1530 WXTG 96.9 SC Charleston, "Ecstasy" 1120  
1535 WCOG 97.9 SC Columbia, ID 1075  
1539 WLAT 104.1 SC Conway, ID 1175  
1547 WIVK 107.7 TN Knoxville, ID 990  
1552 WBBQ 104.3 GA Augusta, ID 1010

cont.

1/6 Es  
1553 WAUG 105.7 GA Augusta, ID 1010  
1555 WFAV 98.3 GA Cordele 895  
1559 WPIJS 106.7 SC Orangeburg, ID 1075  
1600 WYAK 103.1 SCSurfside Beach, ID 1190  
WNGT 107.7 NC Greenville, ad 1295  
1603 WBUS 102.3 GA Augusta, wx, ID, k 1010  
1607 WLRG 92.3 VA Roanoke, area wx 1195  
WATP 94.3 SC Marion, ID 1165  
1611 WSB 98.5 GA Atlanta, ID, m 880  
1612 WBT 107.9 NC Charlotte, ad 1105  
1617 WRQK 98.7 NC Greensboro, ad 1175  
WQDW 97.7 NC Kinston, ads, ID 1275  
1620 WSFL 106.5 NC Bridgeton, ad, ID 1305  
1623 WRNS 95.1 NC Kinston, ads 1275  
1629 WTQR 104.1 NC Winston-Salem, ID 1150  
1632 WQSM 98.1 NC Fayetteville, ID 1200  
1634 WLGS 99.9 NC Asheville, ad 1010  
1637 WITN 93.3 NC Washington, ad 1335  
1643 WRAL 101.5 NC Raleigh, ID 1230  
1645 WEGT 96.9 NC Goldsboro, "Q-96" 1260  
1650 WWID 106.7 GA Gainesville, ads, 920  
"wide-107", ID  
1656 WHCGt 104.9 GA Metter, "G-105" 995  
1659 WFMX 105.7 NC Statesville, wx 1110  
1701 WDOG 105.1 NC Durham, ID 1220  
1705 WAKG 103.3 VA Danville, ID 1205  
1720 WRXL 102.1 VA Richmond, ads, wx, ID  
"XL-102" 1325

Luckily the whole month wasn't as wild as the 4th-6th period or I would have never caught up with the log! The strange mid-afternoon event of the 29th made me think there might be another several-day session, but that turned out to be a somewhat isolated event. 73, Pat

Rick Sanford, 404 S. McNeill, Burnett, TX 78611 - Jan. 7 to Feb. 6 CST

Equip.: Kenwood KR-5400, Archer 10-31. FM at 24 ft. w/Alliance U-100 rotor, Realistic #12-655 AM-FM port. w/whip.

1/10 tr

0928 KBIM 94.9 NM Roswell, ad  
2130 KXKL 90.1 NL Monterrey,  
"XL-Sonida Noventa," \$, SS, Am. rock,  
frequent time checks

1/10 tr

2157 XET 94.1 NL Monterrey, ID

(TR fairly potent from Ardmore to Monterrey, unfortunately with Burnet in the middle.)

Randall B. Clark, Rt. 9 Box #231 (Dutch Ridge), Parkersburg, WV 26101 - Dec. 5 to Feb. 4

Equip.: Realistic STA-42 with a three ft. long twin lead antenna inside up @45 ft. AGL (five miles east of Parkersburg, WV) All tr except for 1/4 and 1/6 which is ES. EDT used. PH#:1-304/422-2923

12/15

0000 WJAC 95.5 PA Johnstown

12/26

1305-1338 WXIL off while a friend visits!!  
WOW, what a x-mas present!  
1311WKBK 94.9 in strong plus WYTK 95.3  
1418 WIVK 107.7 TN Knoxville  
1500 WTRE 107.3 IN Greensburg  
1529 WSYX 106.3 OH London  
1543 WCVU 104.9 OH Gahanna  
2329 WEZC 104.7 NC Charlotte  
12/28  
1931 WETA 90.9 DC Washington  
(plus 250-300 mile stuff in as well)

12/29 as above

12/30

0307 WFBG 98.7 MI Detroit  
WCHO 105.5 OH Washington Court House  
over WXTQ!

12/31

0108 CFCA 105.3 ON Kitchener

Clark cont. on last page of column.....

1/2

2002 WBBQ 92.5 KY Owensboro, "Q-92", r, \$  
1/4  
0011 UNID Latin AM w/spanish mx on 96.1 ms?  
1727 to 1820? ES!  
1815 KBEZ 92.9 OK Tulsa, ID, "cold turkey" psa

1/6 (1805-1930 Es!)

1805 KERA 90.1 TX Kallas, tent., very loud  
1808 KESS 93.9 TX Ft. Worth, tent. bi-lingual  
1822 KAFM 92.5 TX Dallas, "92 plus"  
1835 KNOK 107.5 TX Ft. Worth, d, \$  
1841 KZEW 97.9 TX Dallas  
1900 KDNt 106.1 TX Denton, ID  
1900 KKDA 104.5 TX Dallas  
1905 WRR 101.1 TX Dallas, c/j format, tent.  
1911 KFJZ 97.1 TX Ft. Worth, "Z-97"  
1913 KNUS 98.7 TX Dallas, "K-news", cont. pro.  
MUF goes to ch#6 by 1930?

1/15

1454 WVVW 89.1 is in STEREO!, 1800 WIAN 90.1,

Indy, ID

Vernon Eaton, 82 Springhill Acres, Benton, AR 72015 - Dec. 28 to Jan. 19, 501-847-2066  
 Equipt.: Sony 5130 tuner w/quad Finco FM5 antennas(coax) on CD44 rotor at 60'. total: 435

I am real happy to be back into FM DXing after a three month engagement playing music professionally five nights a week in addition to my regular job at prudential. This is not the real reason that completely took me out though. After a thunderstorm in late September I noticed I had practically zero reception other than locals. Upon looking as best I could without taking by horiz. stack down, I could see no vis ble reason why the antenna didn't work. Meanwhile, I noticed an add for a heavy duty 60' steel crank up tower, cheap. So I got it and decided to order the four Finco FM5's that Bruce Elving had made me such a good deal on and go quad. The antennas came mid-December. At that time I lowered my 50' crank up pole and examined the horiz. antennas to see why they quit working. I had failed to tighten the wingnut on one of the antennas. It had worked for one year and the wind whipped the cable around and loosened it and caused a mis-match. While waiting for the antennas to come in, I set up my tower(which is 20' cranked down)14' from the eave of my roof in concrete with a tilt over base. By having this set up I use an extension ladder to connect a cable @20' and am able to lower my antenna to 45 degrees and stand on my roof and work on my antennas. I am able to raise and lower my antenna tower with my auto. With my quads and coax set-up I am like a child with a new toy. Since Dec. 28th when my quad went up, I have logged 25 new stations. With 410 prior to that, it had gotten hard to log anymore except during openings.

If anyone desires a set-up of CATV coax, all cut and gained for two or four antennas, I will be happy to furnish the man's name who will fix it up and ship COD. He will also build "T" or "H" frames to go above your rotor for two or four antennas. They are made of special antenna mast materials. He did beautiful work for me. He furnished coating material to protect couplings from oxidation and corrosion. 73, Vernon

12/28(new quad installed) (all tr)  
 0843 WPCP 93.3 MS Houston, \$ 300  
 0847 WBYG 93.3 TN Tullahoma, ID, \$,r 400  
 0850 WYKZ 93.3 KY Paducah, ID 300  
 0805 WJNS 92.1 MS Yazoo City, ID,\$ 180

12/30  
 0120 KYKR 92.2 TX Port Arthur, ID 340

12/31  
 1550 WKDF 103.3 TN Nashville, ID 350  
 1555 KCRV 103.1 MO Caruthersville, r 275

1/1  
 1430 KERA 90.1 TX Dallas, \$ 275  
 1431 KAFM 92.5 TX Dallas 275  
 1900 KRFT 90.1 TX Houston,j 360  
 2025 KUMR 88.5 MO Rolla,c 300  
 2100 KBLF 90.3 MO Buffalo, ID,r 225  
 2105 KCMW 90.9 MO Warrensburg, ID 325  
 2125 WKMS 91.3 KY Murray 325  
 2145 KBEZ 92.9 OK Tulsa, ID,\$,m 225  
 2152 KQID 93.1 LA Alexandria, r 230

1/6  
 1925 KCBI 89.3 TX Dallas, g 275  
 1937 KWGS 89.5 OK Tulsa,c 220  
 1950 KERA 90.1 TX Dallas,c,\$ 275  
 2006 WBHM 90.3 AL Birmingham, c 350  
 2022 KYLU 91.3 TX Beaumont, ID 360  
 2024 WKMS 91.3 KY Murray, c 325  
 2022 KOSU 91.7 OK Stillwater, c 270

1/7  
 1300 KGUR 89.3 MO Kansas City, ID, \$ 360  
 1845 KYKR 93.3 TX Port Arthur, k 340

1/8  
 2100 KABK 97.7 AR Augusta, ID, k 80

1/10  
 1832 WKID 94.7 KY Mayfield, ID 225

1/11  
 0022 KDEY 99.3 TX Lufkin, \$ 250  
 0900 KNCN 90.9 TX Dallas, \$ 275

cont.

1/19 tr  
 0014 WRVU 91.1 IN Vincennes, ID,\$ 425  
 0025 WSIX 92.9 TN Nashville, \$ 350  
 0035 WAHR 99.1 AL Huntsville, ID,\$,m 340  
 0040 KODA 99.1 TX Houston, ID,\$ 360  
 0050 KRBE 104.1 TX Houston, ID,\$,r  
 0100 WAMZ 97.5 KY Louisville, ID,\$,k 475  
 0104 WVEZ 106.9 KY Louisville, ID,\$,m  
 0111 WVEZ 92.5 OH Cincinnati, \$ 575  
 0115 WUBE 105.1 OH Cincinnati, ID  
 0125 WNAF 93.1 IN Indianapolis 550  
 0128 WFBQ 94.7 IN Indianapolis, ID 550  
 0130 WFMS 95.5 IN " " ID  
 0135 WXTZ 103.3 IN  
 0141 WTLG 105.7 IN " ID  
 0150 WABD 107.9 KY Ft. Campbell, ID,\$ 310  
 0202 KWIC 107.7 TX Beaumont, ID,\$ 350  
 0905 KOFM 104.1 OK Okla. City, ID 350  
 0914 KWMU 90.7 MO St. Louis 300  
 0916 WKBK 92.3 TN Milan, ID,k 240  
 0937 KMOX 103.3 MO St. Louis, ID,m 300  
 0942 WJFR 96.3 MS Jackson, ID,g 250

Danny Buntin, 1312 N. Skyline, Stillwater, OK - Jan. 12 to Feb. 11 CST

Equipt.: Pioneer TX-9100 tuner, Antennacraft 10 el. ant. with rotor (30 ft. high)

A warm, moist January kept me on the alert more than usual for some trop buildup. Before the weather turned wintry, things finally did pay off in a rare opening reaching to the Texas Gulf coast. Nothing like it heard here in four or five years. Texas now comfortably ahead of Florida in the log totals.

Finally heard a ms burst with IDable info for the first time and what a surprise it was. I was checking a main indicator station for trop, WMC 99.7 of Memphis, and immediately heard "weather for Manchester(TN)and the mid state...." instead(seemingly tailor made for the impatient ms DXer). Add that to the skip related last month and I find that I experienced the best January ever for dxing here,a well rounded month, indeed.

For you TV DXers....There's a new twist in the TV reception here, a real novelty. For the first time in the history of television in these parts, it has finally become possible to tune in a good UHF picture on a routine basis. First it was ch. 34 of Okla. City followed three months later by ch. 25(on before 34 but too weak here)also of OKC, as they progressed from the weakest TV station in the state to the strongest. Interestingly, both U's come in flawlessly on an Archer U-75, which is more than I can say much of the time for the OKC V's whether on CATV or home antenna. Such a development has led to "UHF fever" of sorts with Radio Shack enjoying it best. The clerk there said he is selling lots of UHF antennas and has a pile of them stacked handy by the store's front door. Fortunately, I bought mine before the rush, hi. (Shame on me for not getting started in UHF DXing while all the channels were blanks. Now,with an antenna, perhaps I'll be more motivated about it.) Until next month, 73.

1/17 ms  
 1000 WMSR 99.7 TN Manchester,(see above)

1/18-19 tr  
 2040 KOOI 106.5 TX Jacksonville, ad, \$ 310  
 "Let's Talk " program  
 2042 KNUE 101.5 TX Tyler, ad 290  
 2102 KTLA 98.1 TX Texarkana,Ktall 255  
 2315 KRMD 101.1 LA Shreveport, k, ID 320  
 2325 KYKS 105.1 TX Lufkin 360  
 0000 KXKZ 107.5 LA Ruston, ID 360  
 0030 KTYL 93.1 TX Tyler, ID, wx 290  
 "the rock of east TX"  
 0036 KKTG 95.9 TX Kilgore, ID 300  
 0055 KDEY 99.3 TX Lufkin, ID, psa 360

1/19 tr  
 0100 KJCS 103.3 TX Nacogdoches, ID, wx 360  
 0105 KYKR 93.3 TX Port Arthur, ID 475  
 0139 KCOZ 100.1 LA Shreveport, ID, m 320  
 0148 KIOC 106.1 TX Orange, ad 465  
 0200 KVTG 91.7 TX Dallas, ID, r, loc. off240  
 0214 KQXY 94.1 TX Beaumont, ID, m 460  
 0218 KSNB 96.1 LA Lake Charles, ID 475  
 0224 KRRV 100.3 LA Alexandria, ID, k 430  
 2234 KTTL 93.9 KS Dodge City, ID, 200  
 "Cattle Country", (while local off)

1/20 gw  
 KZED 93.5 KS Wellington, nx, wx,  
 (new to air)

Randall Clark report cont.

1/15-16 tr  
 1911 WBIR 103.5 TN Knoxville  
 2100 WTLG 105.7 IN Indianapolis  
 2123 WTRE at 25+(local Q)  
 0000 WNAF 93.1 Indianapolis  
 1311 WILL 90.9 IL Urbana, in \$\$\$

Hello, traditionally, this just happens to be most rotten time of the year. Incredibly as it may seem, we haven't had too much snow for this time of year(Russians screwing around with our weather again, eh?) Again, may I say thanks to Paul Mount for an interesting DX gathering! 73s and the best of DX!

REPORT YOUR DX TO THIS COLUMN IF YOU ARE FROM: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MS, NC, NM, OK, SC, TN, TX, UT, VA, & WV.  
 (Hey, new members, let's have your first report)

HAPPY DXING!

#####



# NORTHERN FM-DX

Ralph Strobel, editor  
2510 E. McGalliard Rd.  
Muncie, IN 47303  
(317) 288-5815  
Deadline: 10th

NORTHERN FM DX

MARCH 1980

MARCH 1980

For DXers in Canada, the Northwest-Central states of WA OR ID MT WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line.

## LONG WINTER E-SKIP IS REPORTED!

Joe Markewicz - 824 N. Oakbend Drive - Duluth, MN 55811

A short trip up to my old DX location at Camp Morton, Manitoba, at Christmas produced a number of new CBC stations. The new ones include: CBWY 92.7 Jackhead, MB, CKSR-7 94.7 Kenora, ON, CKR 100.9 Dryden, ON, CFWA 101.3 Manigotagan, MB, CBWZ 104.3 Fairford, MB, CBWU 108.5 Baldy Mountain, MB, and CBWV 97.9 Brandon, MB. Naturally, none of these stations ID themselves, as all their programming is from CBC Winnipeg, with a few exceptions. Therefore, it is not unusual to hear on one of the NW ON stations the following phrase - "From CBC Radio in Manitoba, it is 2 o'clock." If my local CBWY 95.7 Fisher Branch, MB is any example, most of those stations will break out of the normal CBC programming and out on programs produced at Thompson. These new studios opened on April 1 and will enable more local programs in the Indian language and therefore obtain more community involvement. My DX location in Duluth is the worst location to do any DX'ing from. I'm situated within a mile of all the FM, TV, and AM towers that are found on Enger Park hill. On numerous trips up to the Range Cities (70 miles N. of Duluth), I've noticed that the Twin Cities stations have improved their coverage with their new antenna site. Finally, CUIO 94.3 announces itself as Winnipeg's album station and a Winnipeg newspaper calls CITI 92.1 new format as "slum rock."

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Roger Gravelle - 60 Valerie St. - St. Thomas, ON N5R 1A8

Equipment: Sony 5130 Earth Orbiter

Just a line to let you DXer's know about CJBX 92.7 London, ON. ID's as "Country Radio, London," with non-ID "BX-93." Logged 1/19 1800 EST. Due on air 24 hours a day in March. I have no outside FM antenna so DX'ing is limited. 73's Rog.

\*\*\*\*\*

Bob Zent - 1835 Fruit St. - Huntington, IN 46750

Equipment: Pioneer TX-9800, Heath AR-1515 (after 1/26), Channel Master 4408 @40 ft.

1/5 tr	1/15 tr		
1945 CJRT 91.1 ON Toronto j	360 1945 WSOY 89.9 KY Madisonville g	275	
1/7 tr	2002 WKY 103.5 OH Steubenville r	255	
0100 WHIZ 102.5 OH Zanesville m	200 1/31 tr		
(WMDH off)	2230 WKQB 105.9 TN Nashville r	340	
0108 WQOS 106.9 OH Canton r	210 2346 WBES 96.1 WV Charleston m	265	
(WMRI off)	2354 WNEB 94.5 NY Buffalo c	365	
1/15 tr	(Assume this is the only classical on		
1922 WBIR 103.5 TN Knoxville r	360 94.5 in that direction.)		
"Rock-104" (ad for local group)	(New underlined - EST)		

Had very little time to DX this month as most free time was spent assembling my new Heath AR-1515 receiver. The Pioneer seems to have slightly better sensitivity and adjacent channel selectivity, but the Heath is much more immune to overload from local stations. I will probably be using one as a supplement to the other for DX. 73's, Bob

\*\*\*\*\*

Fred McCormack - 909 12th St. N. - Fargo, ND 58102

Equipment: Farco - Heath AJ-1600, Winegard CH-7078, Alliance rotor

Des Lacs - Heath AR-1500, JFD 10 element log, CDR rotor

Logging marked with an asterisk is from Des Lacs. The rest are from Fargo.

11/15 tr	1/6 Es		
2145 JDBH 94.1 SD Aberdeen FL	125 1945 KETR 93.9 AZ Flagstaff "FM-94"	1115	
12/24 tr	1259 102.5 AZ Phoenix "quiet"	1230	
1952*E3AA 94.9 SD Aberdeen r, "A-SW"	140 1031 92.3 PA Midland	1065	
1/5 Es	2/2 tr		
1035 WAMut88.5 DC Washington	0947 CKWG 103.1 MB Winnipeg	210	

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Dr. Bruce Elving - 4515 Avenue E - Kearney, NE 68847

Equipment: 10-element Antennacraft yagi FM at 10 meters w/rotor.

Sunday, Jan. 6 provided one of the best winter skip sessions I have ever noted, and it might be indicative of the kind of super-skip this central part of the continent may be capable of. From 5 to 6 p.m. CST I had such stations as WMFO, Q-92, 92.7 Ocala FL, WKUE 92.7 Green Cove Springs with m (not rp), WNNK \*89.7 Columbia, and sure enough no sign of listed-as-deleted WBCT \*90.5 Columbia SC. Previously, in October I briefly had skip on \*89.9 with full CBC i.d. at 7:05 p.m. CST, but no local i.d. I doubt Windsor, as no other Windsor-Detroit stations heard. All of the above heard before I installed a 10-element Antennacraft yagi FM at a height of 10 meters, rotatable. With this new equipment I find that Denver is in about 50% of the time. Who said Colorado tropo is a rarity? Best heard here of the Denver stations are KPPL, "K-People" 107.5 Lakewood CO, KOAQ 103.5, KADX 105.1, and KVOB 99.5, including SCAs. KBRU 101.7 Fort Morgan in one night, now carrying rock. Denver is about 480 km from here, and I am hoping to get trans-Rockies reception, with my first objective KVMT 104.7 Vail, and then working westward as tropo will permit. I regularly hear KRSW Worthington MN, for MN news (it is part of MN Public Radio, which also operates WSCD 92.9 Duluth), and MN talking book SCA off the subcarrier of KUSD-FM \*89.7 Vermillion SD. The best public radio signal had been KWIT \*90.3 Sioux City IA until Feb. 5 when KUCV \*90.9 Lincoln NE upped its power from 10 watts (moving from 91.3) to \*90.9 18000 watts horizontal and vertical at 180 feet above average terrain. KHUB-FM Fremont NE and KNOD Harlan IA, both on 105.5 can usually be separated; KHUB-FM is on the high side, while KNOD seems to be closer to 105.3. New on the air is KBWH 106.3 with stereo and an easy country and middle of the road format, located in Blair NE. I am not yet keeping a formal log of what I pick up here; mostly monitoring DX for the sake of finding out new station information for the Atlas, plus resorting to DX for good radio listening - as there is no local professional, public radio in central NE, and the legislature is stalling in voting on the public radio bill that has been introduced. Sincerely, Bruce

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Andy Bolin - 709 Lincoln Ave. - Charleston, IL 61920

12/13 tr. 1100 to 1400 WJFR & WJMI both Jackson MS (530). 12/15 tr. 1130 to past 2000 WDAL or "Q-101" 101.3 Meridian MS (505) That's right, WDAL calls itself Q-101. 12/16 tr. After 0000 WRAS & WSB both Atlanta. 12/19 Es. 1650 Boston area briefly touched (905). 12/26 tr. started @0600 w/WDAL; 0753 WKMX 106.7 Enterprise AL (590); Other relays were WQSB MS; WTVY AL (595); WPCS & WMEZ both FL (640); 0947 WXBW 102.7 Milton FL o/semi WFFR! 1001 WFFM 107.9 w/P Panama City FL (670). Fizzled on FM shortly past 1200, but Toronto to FL stayed on UHF for four days. 1/5 Es. 1402 to 1443 ALL El Paso TX (1140) plus XHPX, XHEM & XHTO. 1/6 Es. 1423 to 1445 S. FL relays WMCU, WTM1, WINZ, WMUM, WMJX. Back @1610 w/Z-94 KZZQ 94.3 Golden Meadow LA; also lots of New Orleans/Baton Rouge and later moved to El Paso. 1/15 tr. 1400 to 1700 rain was WBKW 99.5 Beckley WV w/mono G. 1/28 Au. KC @1800; 1850 "KY country" KYSM 103.5 Mankato MN; 1920 KJAN 103.7 Atlantic IA, gone by 2000.

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Ralph Strobel - 2510 E. McGalliard Rd. - Muncie, IN 47303

Equipment: Heath AJ-1510, Winegard antenna w/rotor at 60 ft.

1/12 tr	1/21 tr		
1930 WFAH 92.5 OH Alliance o/WMHE	225 0100 WEFA 102.3 IL Waukegan s/off	200	
1/16 tr	1/22 tr		
0026 WWLH 102.3 VA Pound G\$ (new)	285 0200 WMLA 92.7 IL Le Roy k (new)	200	
1/18 tr	2/11 tr		
1840 KRNA 93.9 IA Iowa City ex-93.5	365 0056 WHOW 95.9 IL Clinton m, s/off	210	

I was surprised to find two stations which are new to the airwaves. Both seem to be on the air 24 hours. WMLA Le Roy, IL carries NBC nx on the hour. This brings my slowly rising total up to 819 w/139 in the FM band including 28 10 watters. 73's, Ralph

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# EASTERN TV-DX

MARCH 1980

Richard Clark Apartado 273 La Vega, Dominican Republic

DECEMBER  
25 Tr 1500 WJLZ-7 PR "super strong in which was the 1st start of super tropo"  
1510 WAPA-4 FR  
WKAQ-2 PR  
26 1000 WXLt-40 FL  
UnIDed 35  
WEVU-26 FL  
WMFE-24 FL  
WJCL-22 GA  
UnIDed-22  
"religious"  
WCJB-20 FL  
WJKS-17 FL  
UnIDeds 16  
both edu.  
WLOX-13 MS  
UnIDed-12 "this dumb channel would not give me a good ID (WTLV) so I could not list in my log. All they would say is Television 12 but that is no ID and I couldn't read their very small call letters"

Jerry Pulice 143 Gibson Ave. Staten Island, NY 10308 (212)-984-7325

Dec. 8 0914 2 stations on R1, snowy RTE 53.75 in weak. 1020 RTE in better now, 1029 1 kHz heterodyne on RTE-53.75. 1032 52.40 weak buzz only-French video-no picture. 1044 RTE better now-soccer in progress. 1059 B-1 in (45 MHz), mass of ghosts-unwatchable. Pulled monitor out of rack-modified same for full high voltage (21 kv) in 405 line mode-better picture now.  
Dec. 9 0930 E2 video in-snowy 2 kc offset.  
Dec. 10 stuck at work, no TV. 0900-1100 pileups on E2 & R1; RTE-53.75 40+S9 (6 miles from WCB-2). E2 still in 1130, 1330 45 Mc B1 still in. Would have been a great day at home.  
Dec. 11 0700 41.25/41.50 audio breaking Bearcat squelch. 0756 B1, E2, R1 videos weak, scatter like. 0810 B1 video up suddenly. 0825 E2, R1 both into programming, stronger now. Also "4 squares" TP on E2. 0920 "4 squares" TP now into programming. 0930 Phillips TP on E2, S9 +60 db, unreadable lettering across bottom, huge pileup. B1 good now, little ghosting, football or rugby game. 1000 E2 into programming, Phillips TP underneath. 1007 Large letters on R1-unreadable (@#!)-unstopable "sliders" underneath. 1015 "small RETMA" TP on R1, slides. 1035 E2 Phillips TP replaced by clock, then into 3 unreadable letters. 1040 small RETMA still on R1. 1050 RTE-53.75 in good. 1055 RTE- all R1 stations gone 48.25 just outlines. 1100 E2 gone also-buzzing up on 52.40. 1105 not having a crystal for 819 line operation, using external sync (e.g. off the air) monitor locked at 20475 Hz H rate, and careful adjustment of the V hold locked a 819 ? (illegible, ed.) (signal near the noise level). No program details visible but am calling this a new IDed country-France.  
Dec. 15 0745 41.25/41.50 audios not in till 0745. 0815 B1, E2 weak scatter like buzz. 0845 E2 weak, R1 distant roar of heterodynes. 0848 E2 picture starting to form. 8 offset, heavy ghosting. 0858 "4 squares" TP in & out for next half hour. 0940 R1-pileup 6+ stations-all sliders and into programming. 1010 E2 . 1024 "4 squares" TP back on E2. 1029 E2 & R1 closed pictures went hollow & fed. 1104 E2 51.75 snowy picture.  
Dec. 28 1000 E2 audio briefly on 48.25, then out. 1100 B1-fair picture, signal weak.  
Jan. 5 0830 B1 picture & sound, T-1 audio, 48.25 buzz, all poor. 0915 no video at all. 0935 45 B1 back, 500 Hz offset, picture unwatchable. 0955 E2 audio 48.25 excellent for next half hour.  
Jan. 6 0836 E2 sound weak, deep fades. 0900-1013 E2 video & audio weak taking turns on 48.25. 1015 E2 very snowy, weak-only blanking bars visible.  
Jan. 7 E2 buzz noted at work, 1130.

Robert Kramer  
3406 W. Pierce  
Chicago, IL 60651

Deadline: 5th

28 Tr read. We have this problem quite a lot on these 3 channels  
Not seen in USA. I really don't know what you would call it. It is all year around.  
WSVI-8 VI  
WIPM-10 PR  
WBNB-10 VI  
WORA-12 PR  
WJLZ-11 PR  
WKAQ-9 PR  
29 "I really didn't do much DX, but FL TV was still in quite strong."  
30 "It all ended. Back to what it is."  
"The week of Dec. 25-30 was a super tropo week in which I was able to log quite new stations here. My farthest tropo is WLOX-13." (Richard sent in a list of his normal tropo which I cut to preserve my type-writer ribbon, ed.)

EASTERN TV DX

Jerry Pulice cont'

Jan. 8 stayed at home for nothing. Got on 28.385 to listen to 6 meter crowd complain.

"After unbelievably good ex things went downhill after 15 Dec. As of 30 Jan conditions (& solar flux) are way behind this time last year. Virtually no DX during 4-day Christmas and New Years weekends at home. The period Dec. 8-15 Dec. was marked by a steady solar flux (240's) and at times R1 (49.75 MHz) was at least 6 stations deep. Regarding some of the terms I used: per a European guide to test cards, "4 squares" TP is definitely not the PPM5544-looks more like the German FUBK TP. The "small RETMA" TP (I thought this was the Czechoslovakia TP) seems to be the TELEFUNKEN TP. Austria reportedly uses th s on 49.75 (ch E2A/R1). "Sliders" are stations with slightly different H scan rates. BBC & E2 pictures are always stationary when seen underneath one another. R1 is a different case. Generally, R1 pictures slide slowly past each other, completing one H cycle in 5 to 10 seconds-perhaps SECAM color requires looser tolerances in the transmitted signal than NTSC or PAL. On 11 Dec. there was a R1 station sliding to the left at 1+GFS-out of range of my VCXO time base (a 5 minute mod fixed that) I could hold the "small RETMA" TP still & let the mystery station slide-or vice versa. The slider averages out in a time exposure leaving the other. The point of this is-this was almost certainly out of SECAM tolerance for H rate indicating a B&W only (e.g. line lock not crystal controlled) station. As far as I know China is the only B&W country on R1- and China was received in England last year per Roger Bunney. Can't use that for ID, nor can I claim the Soviet Union-even though the quantity of signals received at once on R1 is greater than all East European R1 transmitters-but it gives food for thought. "SWF" is evidently a West German network per Bill Grant. When the band is closing, the effect of MUF cutoff is fascinating-first the upper sideband disappears, then as the carrier & LF components weaken, the picture becomes "hollow"-just outlines and detail from the vestigial lower sideband-then snow. A similar effect occurs when I notch out WCB-2 for Ch B 53.75-just the outlines of WCB-2 remain. During the 8-15 Dec. period WCB-2 was severely QRM'd by F2 signals. Even though I'm 15 miles from the transmitter, B3 audio appeared as a herringbone pattern, but since they use AM, the herringbone doesn't bend or move due to the modulation. More fascinating is the RTE 53.75 QRM. Out of sync video was breaking up the family TV, and I got it to lock on my KVI722 Sony by fooling with the rabbit ears. Hope the F2 makes it across again before spring-doesn't look good now. 73."

Ian Meyers 14 Lloyd Lane Nescomet, NY 11767 (EDT)

SEPTEMBER  
25 Tr 2110 WBJA-34 NY  
25 Tr 2030 WBRE-28 PA  
2035 WSBAP-43 PA  
2037 WBFF-45 MD  
2039 WMPB-67 MD  
2052 WETA-26 DC  
2101 WHYI-40 MA  
19 Es 1715 WEAR-3 FL  
1740 WSJK-2 TN  
1750 WLBT-3 MS  
1902 KTES-3 LA  
19 Es 1907 WREG-3 TN  
1929 KBTX-3 TX  
January  
4 Tr 1735 WRGB-6 NY  
5 Es 1500 KARD-3 KA  
1509 KDMT-3 IA  
1553 KMTV-3 NE  
1330 KTEW-2 OK  
1341 KARD-3 KA

"Since this is my first report to Eastern TV DX I feel an intro is in order. I am an 18 year college Freshman (you've sure been in your first year of college a long time, hi ed.) who Dxes the AM band as well as TV-FM. In addition to WFTDA I belong to IRCA. I use the following equipment for TV DX: 1970 GE 12" B&W TV, Technics SA-400 stereo receiver (for audio on channel 6), Radio Shack V-185 antenna w/preamp and N/S, E/W quad loops for channel 3. Not much here, DX picks up then it levels off, however Jan. 5-6 openings were suprising. Current totals are now 81 since 7/1/79 including 23 states plus D.C. No Canadians. 73's & good DX."

Harry J. Hayes Star Route, Box 226c Gouldsboro, PA 18424 (EST)

December  
23 Es 2055 KCKT-2 KA  
January  
4 Es 1715-1915 2-6  
4 Es 1745-1815 MUF to  
107.9 MHz  
1745 KETS-2 AR  
1404 KCKT-2 KA  
5 Es 1410 KARD-3 KA  
1529 KHAS-5 NE  
1300 KTVI-2 MO  
1800 KTES-3 IA

"I was too busy on FM to log any more TV on 1/4. Es preceeded a large snow system that was about to move into this area. Es present all day on 1/6 on chs. 2 & 3. Hit into FM-107.9 at 1900 until 1940 then gone. Es were also into FM on 1/4. Equipment- Gouldsboro and Wilkes-Barre, PA Channel 2 & 5 Quad loop for Es 13" RCA color set." (2 reports combined, ed.)

Roger Gravelle 60 Jalerie St. St. Thomas, ON (EST)

September  
11 Tr 1900 CFMT-47 ON 135  
12 2100 WITF-33 PA 295  
January  
15 Tr 1901 WBAK-38 IN 460  
1930 WKYH-57 KY 440  
1900 WCFB-38 IL 385  
15 Tr 2000 WKPI-22 KY 420  
2100 WPTT-22 PA 175  
WFTI-20 IN 400  
2130 WKJG-33 IN 285

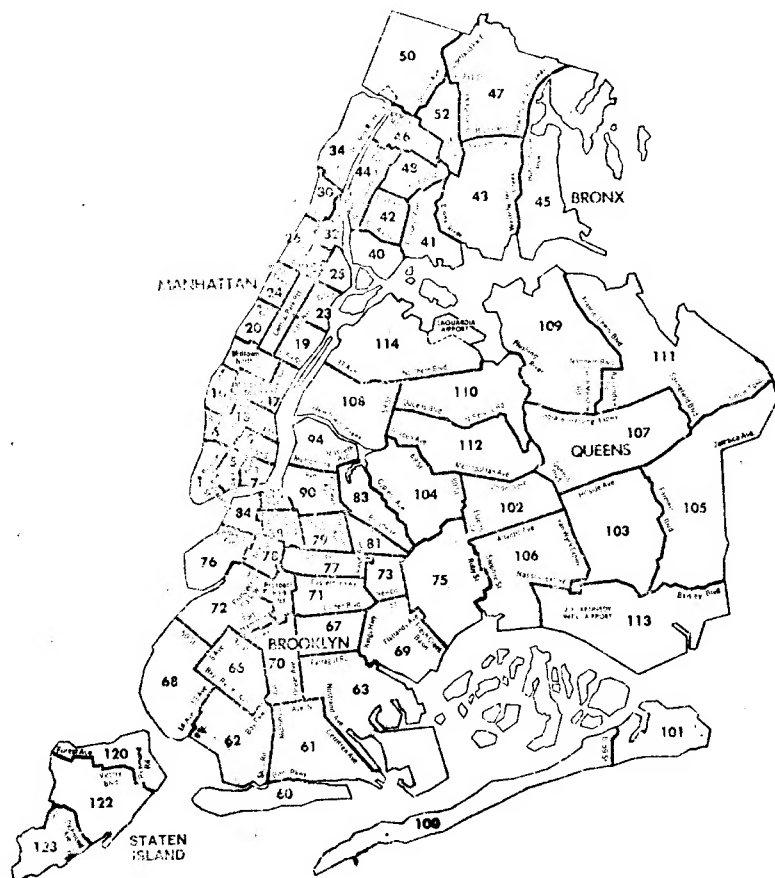
"Many stations coming in from all directions. GREAT OPENING. Best catch Channel 57 Hazard, KY-verification arrived already from Chief Engineer Richard McKinney. 73's."





Donald L. Blevins  
1715 Earhart Road  
Baltimore, MD 21221  
phone # 301-574-2714

IN SEARCH OF PSB....



NEW YORK CITY

Sanitation Police

Manhattan	453.600
Queens	453.625
Bronx/Brooklyn/West	453.700
Brooklyn/North	453.72

New York City Transit Police

160.305 All Portables and In Tunnels  
160.695 All Cars Only

Queens	453.10
Manhattan	453.20
Brooklyn/Richmond	453.30
Bronx	453.75

## NEW YORK CITY POLICE

## Manhattan

Division 1 Precinct 1-5-6-7-9-13  
Division 2 Precinct Midtown S & N  
Division 3 Precinct Central Park  
Division 4 Precinct 24-26-30-34  
Division 6 Precinct 25-28-32

Bronx

Division 7A      Precinct 40-42  
Division 7B      Precinct 44-48  
Division 8        Precinct 41-43-45  
Division 9        Precinct 46-47-50-52

**Brooklyn**

Division 10      Precinct 60-61-62-66-68  
Division 11      Precinct 72-76-78-84  
Division 12      Precinct 63-67-69-71-75  
Division 13      Precinct 73-77-79-88

## Queens

Division 15A Precinct 100-101-106-113  
Division 15B Precinct 102-104-112  
Division 16A Precinct 103-105  
Division 16B Precinct 107-109-111  
Division 17 Precinct 108-110-114

## FREQUENCIES AND CALL ASSIGNMENTS

151.175	17th Division	KJK	607	
151.16	13th Division	KJK	604	
151.19	16th Division	KJK	603	
151.205	10th Division	KJK	608	
151.235	14th Division	KJK	606	
151.23	Citywide #2	KJK	597/KJK	607
151.34	15th Division	KJK	605	
151.355	18th Division	KJK	597	
151.37	12th Division	KJK	600	
151.46	11th Division	KJK	599	
154.535	Aux Police	KLW	571	Chinat
154.71	Bronx DA Mobiles			
154.725	Walkie-Talkies	KDG	350	Brookl
154.77	Special Events	KEA	394	
154.785	Walkie-Talkies	KEA	394	Manhat
154.80	Waterfront Commission	KEK	306	
155.52	4th Division	KEA	370	
155.535	Tactical Patrol	KEA	394	
155.58	6th Division	KEB	281	
155.64	9th Division	KEA	745	
155.655	2 & 3 rd Divis	KEA	370	
155.70	Citywide 1	KEA	394	
155.72	Safety & Emerg	KEA	394	

152.42 Metro Cab  
Fairmont Hieghts  
  
Yellow Cab of Montgomery County  
Silver Spring

Bowie Cab Company  
Bowie

- This list does not reflect  
- the recent change in the  
- new UHF-F(470-512) range.  
-  
- THIS LIST is for the many  
- frequencies that have not  
- changed over. I hope this  
- can be of assistance to  
- the DX'er.

- New York Fire Department

- 154.19 Bronx KEB 962
- 154.19 Richmond KEB 527
- 154.25 Manhattan KEB 524
- 154.37 Brooklyn KEB 525
- 154.40 Queens KEB 526
- 154.43 Citywide KEB 523

- UHF CABS BALTIMORE AREA

- 452.05 Sun Cab Baltimore
- 452.10 Independent Towson
- 453.15 Atwater Dundalk
- 452.225 Overlea Overlea
- 452.40 Jimmy's Towson
- 452.45 Sun Cab Baltimore
- 452.50 Ken's Essex

- DC AREA VHF CABS (MD SUBS)

- 152.27
- Silver Spring Cab
- Silver Spring

- Diamond Cab of Lanham
- Lanham

own-152.30      152.45  
-Barwood Cab      Capitol Cab  
yn -Bethesda      Coral Hills

Can-152.315  
-Central Cab Maryland Cab Service  
-Seat. Pleasant. Upper Marlboro

-152.33 Damascus Cab  
-Takoma-Langley Cab. Damascus  
-Tokoma Park

-152.36  
---F G County Cab  
-Hillcrest Heights

- 152.39
- Bluebird-Yellow-Suburban
- Hyattsville

- 152.42
- Meade Cab Company
- Fort Meade

# VHF UTILITY DX

Pat Dy.  
5315 Silvertip Drive  
San Antonio, TX 78242  
Deadline: 5th of month

MARCH 1980

George DuBois, 10048 NE Campaign, Portland, OR 97220 Bearcat 250,  
A/S Mon 8, Mon 4; PST used

1-4:  
1630 32.6 Seoul, Korea (Kor.B.Sys.) 1-12:  
KWY-348 33.16 Agana, Guam 0900 41.23/.25/.27 France  
(Guam Cable TV System, Inc.) TV audio (very strong)  
41.5 BBC TV audio (weak)  
1650 37.6 Munsan, Korea (US Army 1-13:  
Flight Coordination Cen.) 1200+ 38.85 Ft. Dix, NJ (MP's)  
("Warrior Control") 1705 32.6 "KBS"  
1655 36.9 Chuncheon, Korea (as above) 1750 38.65 Taegu, Korea  
("Evenreach") ("Vanderbilt Hotel")

1-5: (Es)  
1630 KAO812 42.46 Ainsworth, NE  
1633 KXN740 " Menzel, "  
1-6: (Es)  
1636 KAO812 (?)  
1800 KAB315 42.46 Gerling, NE  
1801 KAB313 " N. Platte, "  
1-10:  
1700 42.65 Russian?; 32.6 "KBS"  
1-11:  
1700+ 34.11 Elmendorf AFB, AK  
(flightline)  
1722+ 38.65 Chonan, Korea  
("Vanderbilt Foxtrot")  
1730 KWY348; 1743 43.4 Russian

1-15:  
1630 KWY348  
1-25:  
1640 33.55 Korea (US Army)  
1652 40.0 Kotzebue, AK  
1703 32.6 "KBS"  
1-26:  
1635 32.7 AK (US Army)  
ATC (Air Traffic Control) info can  
be found in the IFR Supplement -  
Pacific-Australasia edition  
Camp Casey & Camp Stanley in Korea  
33.55 as well as 33.45 & 33.65  
are active spots

Glenn Jacobs, Box 354-A RD # 1, Moscow, PA 18444

12-8: Eire B video (53.75) on A2 12-15:  
B3 audio (53.25) 1638z 54.40 F4 audio very strong  
E2 video (48.25) 12-16:  
R1 video (49.75) 1456z 54.40 F4 audio  
12-9: Eire B video 1503z Eire B video and  
B1 & B2 audio & video E3 video (55.25)  
B3 audio

50-MHz DX levels have really fallen off in recent weeks -  
The North Atlantic path has been mostly dormant since mid-January.  
England has heard the French Guiana beacon (50.037, FY7THF) as well  
as a new one in Venezuela (50.068, YV5ZZ), and Colombian FM signals.  
New stations on in Europe are TF3SG (Iceland) (on Jan 9-10 got into  
US as far as Wisconsin) and EI6AS (Eire).  
The last east-west US openings seem to have been the first week of Jan  
Jan 30 1930z Hawaii to California.  
ZL1UHF beacon (50.055) into S. CA Feb 3 & a ZL3 heard in Colorado 2200z  
Brazil with usual TE to north & ZB2VHF beacon (50.040) a few times  
as well as a few openings to Okinawa.  
New South African beacon ZS1STB (50.01 fsk) -34°22', 21°24' E with 100w  
aimed north.  
Vertical incidence ionosonde data from Slough (near London) in November  
show foF2 in 14-15 MHz range 10 days or more (fxF2 = foF2 + 0.7) with  
Nov 30th noon value of 15.5 MHz. Late Jan values were in the 12-13 MHz  
range. MUF's (depending on the layer height) are 3+ times these.  
-Jan solar flux avg 208 puts a smoothed value of 194 for Jul '79.  
-Swiss number forecasts have the cycle turning down with 130-140 as  
smoothed counts by the Spring. Their peak was last summer.

-Boulder still has the nominal peak as Nov '79 and we shall soon see  
who was right.

## VHF UTILITY DX

MARCH 1980

My loggings. Bearcat 210 with 11-m ground plane at 14'; Hallicrafters  
SX-62 with 30' wire at 12'; all F2 unless noted (\* Es) with daily MUF  
peak(s) given; new underlined, GMT used

1-6:  
0928 35.38 L.A., CA-mp \*  
1340 KCC825 33.70 Kennebunk, ME-f  
1355 KCH677 " Fitchburg, MA-cf  
KCB404 " Ashburnham, "-f  
KCE581 " Athol, " "  
KCG342 " Barre, " "  
KCB778 " Berlin, " "  
KBA887 " Bolton, " "  
1356 KCD582 " Harvard, " "  
KCC705 " Holden, " "  
KCB364 " Hubbardstown, ""  
KCD353 " Lancaster, " "  
KCB360 " Leominster, " "  
1357 KDN599 " Paxton, " "  
KCN575 " E. Princeton, ""  
KCH585 " Rutland, " "  
KCE537 " Sterling, " "  
KCH239 " W. Boylston, " "  
KCD658 " Westminster, ""  
KAV492 " Winchendon, " "  
1402 KCD492 " Dennis Port, ""  
KCD497 " Buzzards Bay, ""  
KCD498 " Sandwich, " "  
KCD500 " Wellfleet, " "  
KCD556 " Orleans, " "  
KCF574 " Mashpee, " "  
KCD594 " Chatham, " "  
1403 KCB760 " Osterville, " "  
KCB781 " Barnstable, "-cf  
KCD845 " Brewster, "-f  
KCD574 " Eastham, " "  
KCD454 " Hyannis, "-fdi  
KCD244 " Falmouth, "-f

1415 41.5 BBC (TV audio)  
1420 37.54 US ne  
1430 35.22 Wilkes-Barre, PA-vp  
1435 45 BBC (TV videos)  
1455 43.7 se; 48.26 beats  
1520 41.25 France (TV audio)  
(then Es over 100 MHz rest of day)  
1-7:  
1405 43.7 se; 1430 41.465 BBC  
1432 KCI299 35.22 New Haven, CT-tp  
1433 KEA860 " N.Y., NY-tp  
1434 KCC405 37.54 Bangor, ME-he  
1450 41.23/.25/.27 France  
1502 45 videos  
1520 48.25 BBC audios; 48.25 videos  
1535 low-40 Canada (Fr)  
1610 44.08 Canada?  
1729 KCA346 37.54 Ellsworth, ME-he  
1732 KCD834 39.10 Windsor, VT-lg  
1828 KTL617 " Coupeville, WA-cg  
2020 40.62 Pacific ?  
1-8:  
1422 KCC405  
KCA305 37.54 Eddington, ME-u  
1426 W.-Barre, 1440 KCA346  
1441 KCC957 33.70 Bethel, CT-f  
43.7 Spanish

1-8:  
1448 41.5 BBC, 1515 41.25 France  
1528 45 videos, 1825 40.4 Canada  
2215 40.62 Pac.?, 2310 40.68 ?  
1-9:  
1402 KCD454, KCD244  
KCD246 33.70 S. Yarmouth, MA-f  
KCF264 " Truro, " "  
KCD271 " Harwich, " "  
KCE288 " W. Tisbury, "-cf  
KCF358 " Centerville, "-f  
1403 KCD492, KCD497, KCD500, KCD556  
KCF574, KCD594  
1404 KCD574, KCD845, KCB760  
1435 37.62 US ne, 1438 47.66 Sp.  
1530 41.5 BBC, 1557 45 videos  
1625 48.26 beat, 1635 low-40 Can.  
1710 41.23/.25/.27 France  
1713 KEC515 35.22 Albany, NY-tp  
1730 KOP303 35.62 Langley, WA-mp  
1734 35.26 Seattle, WA-mp  
1739 KOP303 35.46  
1759 KDA381 33.90 Wilton, NH-f  
KDA383 " Milford, " "  
KBZ283 " Orford, "-rf  
1810 35.26 Eugene, OR-mp  
1928 35.46 L.A., CA-mp \*  
1930 KFL936 35.58 Phoenix, AZ-tp \*  
1943 35.38 L.A. \*

1-10:  
1435 43.7 Spanish; 1510 41.5 BBC  
1600 45 videos  
1631 KCE869 33.70 Prospect, CT-vf  
1720 37.58 US ne; 1745 KOP303 35.46  
1750 41.25 Fr; 1754 41.5 N. Ireland  
1838 KOB238 37.58 Seattle, WA-light  
1925 Seattle 35.26  
1-11:  
1448 KCC284 33.90 Tolland, CT-af  
1455 KCI299  
1525 KQP474 33.78 Tuckerton, NJ-f  
1600 41.5 BBC  
1629 KCA695 33.78 Manchester, NH-f  
1840 KOP303 35.46; 1850 40.62 Pac.?  
(1812 KOB238, 1824 Seattle 35.26)  
1903 KOK418 35.46 (west)-mp  
1-12:  
1425 37.35 se, 1430 33.70 US ne  
1528 41.5 Spanish, 1552 41.5 BBC  
1620 40.62 Pacific?  
1-13:  
1422 37.35 se, 1625 30-32 US ne  
1628 30.475 Espinal, Colombia-ha  
41.27 France  
1825 40.62 Pacific?  
1837 KUA288 35.22 Portland, OR-tp  
1848 35.26 Seattle  
1-14:  
0004 KLF527 35.22 Honolulu, HI-tp bs  
1435 35 US ne; 1502 KDN599  
1525 41.5 se

## VHF UTILITY DX

(Dyer, cont.)

1-14:  
1816 KCE681 33.70 Rockland,ME-f  
1931 KOH894 " Winslow,WA-cf  
1940 Seattle 35.26  
2008 KOP303 35.46  
2332 KAA203 42.06 Kirkwood,MO-sp\*  
2337 KSB269 39.50 Watseka,IL-cp\*  
1-15:  
1428 KCB781, 1435 43.7 Spanish  
1505 41.5 BBC, 1515 37.86 Russian  
1517 41.25 Fr, 1550 45 video (ft)  
1557 KCA346, 1713 KCC405  
1715 KCA305  
1-16:  
1400 KCH677, KCB404, KCE581, KCG342  
KCB778, KBA887  
KCF337 33.70 Boylston,MA-f  
1401 KCH246 " Clinton, " "  
KCA395 " Gardner, " "  
KCD582, KCC705, KCB364, KCD353  
KCB360  
KAX916 33.70 Lunenburg,MA-f  
KDN599, KCN575  
1402 KCH585, KCE537  
KRJ877 33.70 Templeton,MA-f  
KCH239, KAV492  
1403 KCD454, KCD244, KCD271, KCF358  
KCD492  
1405 KCD498, KCD556  
KCD697 33.70 Provincetown,MA-f  
KCB781, KCD845  
1415 41.5 BBC, 1425 41.25 France  
1425 KCA305, 1500 38.12 Russian?  
1500 37.86 Russian  
1515 45 videos, 1525 40.45 Spanish  
1620 low-43 Canada?  
1624 42.34 US ne  
1629 KCA284 39.10 Bridgeport,CT-p  
1702 35.66 N.Y.,NY-mp  
1735 KCC405, 1805 KCA346  
1811 35.26 Seattle; 1823 KOB238  
1828 KOK418; 1835 KOP303 35.46  
1838 35.26 Portland,OR-mp  
1-17:  
1415 37.35 se, 1425 45.13 ?  
1431 KCD511 33.70 Camden,ME-f  
1433 KCC825, 1450 KCH585  
1550 41.25 France, 41.5 BBC  
1715 hi-37 US ne, 1720 40.48 Can.  
1720 low-43 Canada? (Fr)  
1725 KOP303 35.46  
2240 L.A. 35.46  
1-18:  
1457 41.5 se, 1507 43.7 ?  
1516 KCH954 33.70 N.Brandford,CT-f  
1625 KCA305  
1627 KCE526 33.70 Kennebunkport,ME-f  
1705 KCF944 33.54 Brattleboro,VT-f  
1707 KBB990 " S.Deerfield,MA-f  
1729 KCA695  
1730 KDC288 33.90 Hollis,NH-f  
1732 KDA381, KCC405  
1733 KRZ270 33.90 Fenton,NY-f

## MARCH 1980

1-18:  
1744 KJD876 33.66 Andover,MA-f  
1747 KCE721 33.70 Litchfield,CT-f  
1751 KCT618 " Sharon, " "  
1800 KBZ283; 1805 KAV492, KCB404  
1823 KOP303 35.46  
1830 Eugene 35.26, Seattle 35.26  
1831 KCB979 33.90 Norwich,CT-f  
1832 KCD306 33.70 York,ME-vf  
1901 KOB238; 1920 Portland 35.26  
2000 40.62 Pacific ?  
1-19:  
1437 KCD471 33.70 Wells,ME-f  
1440 37.35 se, 1450 KCB778  
1718 KCD306; 35's US ne  
1740 KCF460 33.70 Warren,CT-vf  
1823 KEJ451 33.78 Toms River,NJ-cf  
1830 KDA381, KDA383, KBZ283, KDC288  
1843 KCD582; 1915 KOP303 35.46  
1932 Seattle 35.26  
1943 Portland 35.26; 2024 KCA695  
2120 KCD511  
1-20:  
1516 KEA860  
1517 KCC944 33.70 Torrington,CT-f  
1529 KCA695; 1540 41.5 BBC  
1542 41.25 France; 1555 37.35 se  
1633 KCE579 33.78 Keene,NH-f  
1829 KBZ283; 1830 KDC288, KDA381  
1830 KDA383, 1837 KCD471  
1852 KLD863 33.70 Rockland,ME-f  
1928 KOP303 35.46; 1929 KCD511  
2035 Seattle 35.26  
1-21:  
1401 KCD246, KCF264, KCD271, KCD492  
KCD497, KCD498  
1402 KCD500, KCD594, KCD845  
1600 37.35 se, 1647 41.5 BBC  
1647 41.25 France  
1656 KCC482 35.22 Concord,NH-vp  
1658 KCD492 33.86  
1659 KCK671 33.90 LakeGeorge,NY-cf  
1700 KCI233 33.66 Watertown,CT-f  
KCA695  
1705 KCC957, 1708 KCD582  
1719 KCC405, 1727 KCA305  
1735 KJP390 33.70 WestPoint,PA-vf  
1738 KCI299, KEA860  
1744 KCA986 37.10 Clinton,MA-p  
1759 KCA346; 1930 KOP303 35.46  
1939 KOB238  
2007 KFN501 37.18 Salem,OR-cg  
2056 KFN716 33.70 Arundel,ME-f  
KCC825  
2115 KCF264  
2159 KCC907 33.70 Blue Hill,ME-f  
1-22:  
1535 KCC405, 1550 41.25 France  
1600 41.5 BBC, 1611 KCA346  
1645 KEA860, 1659 KCD492 33.86  
1701 KCB526, 1825 35.26 Seattle  
1832 35.26 Portland  
1835 KOP303 35.46; 1939 KOK418  
1942 KOB238; 2020 39.54 Can. (Fr)

## VHF UTILITY DX

(Dyer, cont.)

1-22:  
2126 KCE681  
1-23:  
1533 43.7 se  
1555 KCG651 33.70 Derby,CT-f  
1555 KCI299, 1556 KEA860  
1558 KCA346, 1600 KCA695  
1601 KCC405  
1604 KCE526 33.70 Bethlehem,CT-vf  
KCB999 33.78 Burlington,VT-f  
1618 KCA305, 1629 KQP474  
1652 KCD626 37.54 New Haven,CT-wtr  
1807 35.26 Seattle  
1811 KOP303 35.46  
1831 KOP303 35.62; 1851 KCE681 /-f  
1916 KCC350 33.90 E.Bridgewater,MA  
2029 KCC825, 2020 KBZ283  
2217 KLD863, 2245 KCF582  
2245 KCF582 33.70 Thomaston,ME-f  
1-24:  
1555 45.13 Spanish, 1559 KCE869  
1644 KCE681  
1645 KCB479 33.90 Kingston,MA-f  
1659 KDA381, KCK671; 1700 KCA695  
1706 KCC405, 1715 KCA305  
1715 KCF944  
1716 KCF313 33.66 Andover,MA-f  
1740 KJE253 33.54 Gill, " "  
1743 KGE734 33.78 LockHaven,PA-cf  
1748 KCE358 33.54 Shelburne,MA-cf  
1758 KCI233; 1759 KDC288, KBZ283  
1800 KCB999, 1801 KEJ451  
1803 KCF569 33.78 Tolland,CT-sf  
KEE720 " Millburn,NJ-f  
1811 KU0980 33.54 Bernardston,MA-f  
2010 KOP303 35.46  
2020 Seattle 35.26  
1-25:  
1517 40.86 Spanish  
1614 KCA585 33.90 Plymouth,MA-f  
1630 KBZ283, KDA381, KDC288  
1633 KBH354 33.90 Rockville Center,  
NY-f  
KCD453 " Hanson,MA-f  
1642 KCA305  
1647 KCD575 33.70 Cheshire,CT-f  
1649 KCB979, 1707 KRZ270  
1719 KCC405  
1813 KCF310 33.66 Chelmsford,MA-f  
1850 35.26 Seattle  
1858 KOP303 35.46; 2143 KFN716  
2144 KCB479, 2200 KCC907  
2217 KCB715 33.90 Whitman,MA-f  
2246 KCB951 33.70 WellsBeach,ME-f  
2259 KCD306, 2301 KCD511  
2303 KCD500  
1-26:  
1532 KDC288, KDA381; 1611 KJP390  
1615 hi-37 US ne; 1624 KCA346  
1628 41.5 BBC  
1645 KFD651 33.70 Ebensburg,PA-cf  
1652 KGE734  
1658 KCA639 33.90 W.Wareham,MA-f  
KCD492 33.86

## MARCH 1980

1-26:  
1659 KRG767 33.90 Easton,MD-cf  
1700 KJY884 33.86 W.Chester,PA-cf  
KEH513 " Waldwick,NJ-f  
1701 KCA378 33.82 New Haven,CT-f  
1713 KED485 " Woodbridge,NJ-f  
1715 KDB386 33.66 Pepperell,MA-f  
1-27:  
1352 KCH677, KCB404, KCG342, KCB778  
KBA887  
1353 KCH246, KCA395, KCD582, KCC705  
KCB364, KCD353, KCB360, KAX916  
KDN599, KCN575  
1400 KCD244, KCD246, KCF264, KCD271  
1401 KCF239, KCF358, KCD492, KCD497  
KCD498, KCD500, KCD556, KCD574  
KCD594, KCD697  
1403 KCB760, KCB781, KCD845, KCF574  
KCD454  
1410 37.35 se, 1419 KCI299  
1432 KCC482, 1600 KBZ283  
1636 KCC825, 1651 KCF313  
1655 KCE457 33.86 Newton,CT-f  
1659 KDC288, KDA381; 1701 KDA383  
1702 KCH236 33.70 Oxford,CT-vf  
1859 KUA288, 2140 KOB238  
2233 40.62 Pacific? 2244 KCE537  
2245 KCE816 33.58 Southington,CT-f  
KCC532 " Plainville, " "  
2246 KCF582  
2248 KCL540 33.90 Halifax,MA-f  
2254 KCD575  
2258 KCF582 33.54 Franklin,MA-f  
2259 KCB999  
1-28:  
1413 KLD863, 1516 KCC405  
1525 39's US ne, 1538 low-43 Canada  
1619 KCD626  
1658 KCA410 33.92 Wareham,MA-f  
KCD492 33.86  
1700 KCB526, KCG342  
1701 KCD371 33.98 Raynham,MA-f  
1704 KCC825, 1705 KCA585  
1729 KCA695  
1730 KCA661 33.90 Carver,MA-f  
1744 KCC944, 1745 KCE721  
1750 KCB632 33.82 NewtonCenter,MA-f  
KCD575  
1759 KDA383, 1800 KDC288  
1820 KOH894, 1825 KOP303 35.46  
1830 37.58 US nw, 1955 KCB526  
2015 KCF264, 2016 KCC825  
2055 KCE869, 2057 KFN716  
2110 40.62 Pacific?  
2123 KCG651 33.70 Derby,CT-f  
2130 KBZ283, 2228 KCE579  
2242 KCE537 33.70 Bethany,CT-vf  
2245 KCL540  
2250 KCA974 33.90 Plympton,MA-f  
2254 KFT468 " Moultonboro,NH-f  
2256 KCH585, KCF582; 2258 KCD658  
2258 KDA381  
KCN857 33.78 Winchendon,MA-f  
2259 KBA887; 2301 KCC907, KCE579  
2301 KCG964 33.76 Terryville,CT-f



## VHF UTILITY DX

(Dyer, cont.)

1-28:  
 2302 KCH954, 2305 KCB404 33.82  
 2306 KCH469 33.54 Shutesbury, MA-f  
 2307 KCB951  
 2308 KTZ304 33.54 Wendell, MA-f  
 2314 KDX459 " Medway, " "  
 1-29:  
 1659 KBH354, KCK671; 1700 KCB979  
 1705 KCC825, KCA346  
 1708 KDP395 33.70 LittleValley, NY-cr  
 1716 KCD626, KCC957  
 1720 39.82 US no; 1734 KCC405  
 1848 KOP303 35.46  
 1849 Eugene 35.26; 1852 41.62 Sp.  
 1905 KOB238, 1908 Seattle 35.26  
 1933 KCA305  
 1939 KEX905 37.58 Roseburg, OR-p&l  
 2050 40.62 Pacific?; 2110 KCC284  
 2244 KCH239, 2245 KCF582  
 2246 KCE537, 2247 KCH236  
 2255 KCH585, KCE869; 2254 KCY582 /fdi  
 2259 KFB656 33.96 Thompsonville, CT-f  
 2300 KJB439 33.70 New Milford, CT-f  
 2301 KCD511; 2306 KCE358, KCF944  
 2310 KCB364, 2314 KCD471  
 2315 KCH794 33.54 Wrantham, MA-f  
 KDX459  
 2316 KCC705, 2320 KCD500  
 2320 KCD598 33.54 Athol, MA-f  
 2321 KCM575, 2347 KCB681  
 1-30:  
 0039 KQI316 33.70 Dayton, OH-f\*  
 1404 KCD845  
 1420 KCA351 33.90 Duxbury, MA-f  
 1455 46.12 se  
 1500 41.23/.25 France  
 1511 KCC405, 1648 KCA346  
 1846 KOK418, 2005 KOB238  
 2048 Portland 35.26; 2129 KDA381  
 2147 KCD753 33.90 Putnam, CT-f  
 2149 KCB715, 2159 KDA383  
 2216 KCD575, 2229 KBZ283  
 2230 KQP474, 2244 KTZ304  
 2246 KDJ537 33.54 Deerfield, MA-fdi  
 2247 KCN366 " -f/-f  
 2250 KGE477 33.70 Jeffersonville, PA  
 2250 KEB451, 2256 KCB869  
 2257 KCH585  
 2300 KEG663 33.82 Metuchen, NJ-f  
 KCC957  
 KRP942 33.48 Kingston, NY-f  
 2301 KQL885 33.96 Montville, CT-f  
 2302 KRI603 33.82 Spotwood, NJ-vf  
 2303 KVI522 " Piscataway, -f  
 2305 KCB844 33.70 Greenfield, MA-f  
 2308 KCE358, 2309 KDX459  
 1-31:  
 1500 41.5 BBC; 1505 41.23/.25 /Fr  
 1527 mid-40 Sp., 1610 KCC405  
 1702 39.82 US?, 1712 KCA346  
 (afternoon MUF's depressed)  
 2-1:  
 1405 45.13 Spanish; 1443 KCH677  
 1458 KCC405, 1529 KCA346

MARCH 1980

2-1:  
 1638 KCA305, 1840 Portland 35.26  
 1841 Seattle 35.26  
 1844 Eugene 35.26, 1847 KOK418  
 1851 KOP303 35.46; 2109 KCF313  
 2111 KCA633 33.90 Middleboro, MA-f  
 2116 KCC997 33.70 York Beach, ME-vf  
 2124 KCL524 33.90 Bristol, NH-f  
 2127 KCB979, 2128 KCA585 33.90  
 2136 KCP610 33.86 Ft. Lee, NJ-f  
 2146 KCC284, 2152 KBH354  
 2152 KED411 33.86 CliffsidePark, NJ-f  
 2158 KCD620 33.90 W. Bridgewater, MA-f  
 2159 KDA383  
 2200 KJP374 33.90 Gilmanston, NH-f  
 2207 KCH585, 2211 KCH585  
 2301 KCF311 33.66 Carlisle, MA-f  
 KDR298 33.86 Somerville, ""  
 2302 KCD511; 2305 KCB404 33.82  
 2309 KDX459  
 2310 KDG722 33.66 Littleton, MA-f  
 2314 KDC288; 2355 38.20 Russian?  
 2-2:  
 1500 KDA383, 1501 KCH954  
 1525 KCB715, KCB681; 1528 40.86 Sp.  
 1534 KBH354, 1539 KCA346  
 1547 41.23 Fr; 1620 39.1/.82 US?  
 1659 KDA381, KDC288; 1703 KDJ537  
 1705 KCA585, 1710 KCC705  
 1712 KCC825, 1730 KCA695  
 1743 KCC284, 1746 KCB979  
 1922 40.62 Pacific?  
 2200 KQJ939 33.70 TenantsHarbor, ME-f  
 2202 KCA639, 2213 KCC350  
 2244 KEP595 33.54 Bellingham, MA-f  
 2245 KCF582, 2251 KCE537  
 2257 KCY582, 2259 KCB778  
 2301 KCR901 33.98 Rochester, NH-f  
 KCD511  
 2306 KCA633  
 -----  
 Swan 250 with Ameco nuvistor preamp  
 5-el horizontal Cushcraft yagi at  
 23' with rotor

1-7:  
 1618 49.922?  
 1715 49.75 video, very briefly  
 1-22:  
 1440-1445 49.6/49.98 se  
 1-26:  
 1535-1550 49.65/49.7 se  
 1-28:  
 1500-1515 49.65/49.7 se  
 -----  
 With the coming of spring the N-S  
 F2 paths will improve vs. E-W.  
 Even as early as Feb Es to TE links  
 are possible in the evenings.

73, Pat

WA5IYX

## TECHNICAL TOPICS



Q: "I'd like to know the minimum height for a good DX antenna system. Is 30 feet above ground too low?"

A: The rule-of-thumb among successful VHF/UHF DX enthusiasts has long been "the higher, the better." There is so much variation between DX sites that no one specific antenna height above ground will produce the best DX results for every DXer. If you live in a flat open area with few tall buildings, bridges, etc., you will not need as much antenna height as the DXer who lives in a large built-up urban area. With tropospheric propagation, antenna height becomes a very important factor in a VHF or UHF DX system. It has been found that in the best areas of the continent for tropo DX, such as the Gulf and coastal regions, 1000-mile ducting is observable with antennas only a few feet above the ground--while inland areas can't produce the same kind of results unless the antennas are at least 50 feet above ground, and often much higher than that. Amateur radio studies have produced evidence that some over-water tropo ducts are very close to water and ground levels in the best tropo locations, and that helps to explain why a very low antenna site can sometimes produce such astounding results. When planning a good DX antenna system, try to make sure that your antennas are high enough to at least "see" the horizon in all or most directions. In areas with hilly terrain and/or tall man-made objects, or in heavily wooded areas, several feet increase in antenna height often makes a big difference.

Q: "Why do UHF signals increase so dramatically when you raise the antenna, that is, compared to VHF signals coming from the same location?"

A: Basically, there are two reasons. Because the wavelengths of UHF signals is so much shorter than that of VHF signals, raising a UHF antenna higher in terms of wavelengths is much easier to do than with VHF. Increasing the height of an antenna 20 feet is but a one wavelength increment at channel 2, but on a typical UHF TV channel, it's 10 or more wavelengths higher. Most antennas perform better when they are several wavelengths above ground. The second reason that increases in height are much easier to notice on UHF is that the UHF signals themselves cannot penetrate terrain, vegetation, and man-made "clutter" as well as VHF signals can. The higher in frequency you go, the more "line-of-sight" the signals tend to behave--except, of course, when there are good tropo conditions!

Q: "Which is better for DXing--a rotator with manual control, or one with automatic control?"

A: This is a matter of individual preference. There may be models of both types available to rotate the type of DX antennas you use, but the manual-control units will be among the cheapest. The big drawback with a manually controlled rotator is that you have to keep a finger on the button or knob until the antenna has rotated to the desired position. This can be a problem during a hectic DX opening, when you often need more than two hands! You may find it harder to locate manually operated rotor control units in the future, as consumers tend to favor the automatic units for their "set-and-forget" convenience. Still, some DXers have found the accuracy and repeatability of the manually controlled rotators to be superior to some of the more expensive and elaborate automatically controlled models.

Q: "I notice that there is a round type of rotator control cable available. It seems to be a bit more expensive--is it worth it?"

A: In areas subject to rough weather, it's well worth it. It tends to last longer than flat rotator control cable, and is supposed to have less of a tendency to split. It's easier to pass through holes in the wall, too.



## TV UPDATE FOR CARIBBEAN

**PUERTO RICO:** The following FM stations run English language for Spanish TV programming: WKJB 99.1--WKAQ-2; WZAR 101.9--WKAQ-2; and WPRM 98.5--WAPA-4.

**HAITI:** Richard Clark reports NO OVER THE AIR TV!

**DOMINICAN REPUBLIC:** A few changes from last list:

Teleinde-13 Santo Domingo has been off since September '79 due to hurricane. It may be sold but it will probably go back on.

TeleAntilles-2 Santo Domingo NEW ON THE AIR

TeleAntilles-13 Santiago NEW ON THE AIR

**CUBA:** IS using NTSC color! Canal 2 net is now off and Canal 6 is now TV Cubana. Both TV Cubana and TeleRebelde merge for news. TV Cubana (TC) studios in Habana...TeleRebelde (TR) studios in Habana, Santiago, Holguin.

ch 2 TR Habana

2 TR Ciego de Avila

2 TC Santiago

3 TR Santa Clara

3 TC Holguin

4 TR Camaguey

4 (U.S.) GUANTANAMO BAY

5 TR Santiago

6 TC Habana

6 TC Camaguey

7 TC Baracoa

7 TC Ciego de Avila

ch 8 TC Santa Clara

8 TR Holguin

8 (U.S.) GUANTANAMO BAY

9 TC Matanzas

9 TR Baracoa

10 TC San German

11 TC Guantanamo

12 TR Pinar del Rio

12 TR Bayamo

13 TR Matanzas

13 TR Guantanamo

ALL THIS IS FROM RICHARD CLARK, who was not wiped out by the hurricane. Richard also supplied a TV schedule for the Dominican Republic as well as LOTS of FM news! FINNE JOB!

73'S - Ken

## STATION BREAK

c/o Bill Thompson  
1907 Seneca Street  
Buffalo, NY 14210

WTFDA member ads only. 3 line or 30 word limit.

FOR SALE - Sony ICF-6700W receiver. AM/FM. Excellent condition. \$300.00, bank draft only. Shipped UPS. Robert Heckenlively, P.O. Box 281, Yankton SD 57078.

FOR SALE - CDE T-2X rotor, never used. First certified check or money order for \$180 takes it. I pay shipping. William J. Draeb, Ellis St., R.R.#2, Kewaunee, WI 54216.

Your non-commercial ad can appear in the VUD free of charge! Got a piece of gear you'd like to sell? Looking for something? Advertise in STATION BREAK.

## QSL CORNER

Thomas J. Vingling, Jr.  
221 Pinewood Road  
Baltimore, MD 21222

FB-QSL

Ont. CFNV 102.1 Brampton. Letter in 13 days from Mike Hargrave-Pawson, CE who sends pens, stickers. Address is- Main St. W., Brampton L6V-1J6. Cherno  
CHAV 93.1 Barrie, Letter from Vin Dittmer, GM & promo, send also window stickers & coverage map in 7 days. Cherno  
CJOM 88.7 Windsor, 1120 Ouellette Ave, N9A 1E9. Letter from Wally Doshan, Chief Engineer. Eddie  
Man. CBNV 97.9 Brandon, Attractive CBC Winnipeg card from Winnipeg, Linda Hargers, in 2 weeks. Identifies station as being on the CBC Tran-Canada Network, which I thought no longer existed. Wood  
Sas. CBNF 97.7 Regina, rather dull postcard with Société Radio-Canada address from C. Lynch in 2 weeks. Wood  
AR KCAC 106.3 Walnut Ridge, Box 30, 72476. Send my prepared letter from & CB from Dan Coker, signer & owner. Eddie  
KCVN 103.9 Pocatento, Box 508, 72435. Send my prepared letter from & CB from signer Jack Wilson, Chief Operator. Eddie  
IN WXTZ 103.3 Indianapolis, 4560 Knollton Road, 46208. Received a multicolour card for QSL, no signer, reply in 2 weeks. Russ  
WAZV 96.5 Lafayette, Box 1410, 47903. Send my prepared letter from with signer Richard Oliver, CE. Eddie  
WASK 105.3 Lafayette, Box 880, 47902. Send back my prepared letter from from George Williamson, CE. Eddie  
LA KXKZ 107.5 Ruston, 71270. Letter from Dan Hollingsworth, GM. Brief letter stating this the greatest distance they have been heard. Blum  
MI WCLM 91.7 Alpena & transmitter location-Atlanta, MI 49709. Letter from Thomas J. Endres, Dir. of Tech. Ser. replies from originating station - WCMU St. Pleasant. He states however that "WCLM-FM does have break away capability from WCMU-FM, but this not done very often. Elving  
BSHN 100.1 Fremont, 49442. A long delinquent station verified by Russ Durloo, Manager says my letter was over the air. Elving  
WUPB 106.9 Ironwood, 49938. Letter from Chuck Gervasio, Pres. & GM mentions of his friends have heard WUPB in Duluth (he formerly worked in Duluth & I know him) Elving  
MS WCPC 93.3 Houston, P. O. Box 569, 78851. Send back letter from Rick Huffman, and send back my letter from with signed by J. B. Skelton, Jr, ce, also send ball point pen. Eddie  
OH WCRF 103.3 Cleveland, 9756 Barr Rd, 44141. received qsl card with station details, no date, time or my name & no signer, reply in 15 days with no return postage used. Cherno  
WREO 97.1 Ashtabula, 3226 Jefferson Rd, 44004. Cheapie letter on WFUM-AM stationery signed by Bill Froedrich, Operations Manager in 32 Cherno  
OK KOFM 104.1 Oklahoma City. Letter & business card from Mike Miller, Program Director, also send stickers. Cherno  
KFNB 101.9 Oklahoma City, 2620 1st National Center West, 73102. Verification note typed on bottom of my post card report to the station, signed by Richard C. Corner, GM. Elving  
KKNW 92.5 Oklahoma City, 73105. Letter from Steve White, Oper. Elving  
TN WSR 95.5 Nashville, Box 100, 37202. Send prepared letter for AR & FB & CB from Gordon Evans, signer- Radio Engineering Crew Chief. Eddie  
WKDF 103.3 Nashville, 1202 Stahlman Bldg, 37204. Letter from George Hale, Chief Engineer. Eddie  
WZEZ 92.9 Nashville, 1617 Lebanon Rd, 37210. Send letter from Gary Brown, Tech. Dir. mentioned that at the time of my reception the app was 40kw. Eddie  
UT KUER 90.1 Salt Lake City. Very specific letter from Donal E. Smith, GM in 1 week, enclosed sticker & program guide. Wood

Reporters this time are: Saul Cherno of Toronto, Ont; Robert Ross of London, Ont.; Richard Eddie of St. Louis, MO; Bruce Elving of Duluth, MN. for this all fm month. I would like (if possible) new reporters to this QSL Corner Column. I know there must be more members that send for QSL's than the ones that report to this column. For those that are so familiar with how to report, just look above. 73's Ten